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in the United States, 1995
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## Summary of Notifiable Diseases, United States

1995

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service  
Centers for Disease Control  
and Prevention (CDC)  
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Centers for Disease Control and Prevention ..... David Satcher, M.D., Ph.D.  
Director

The material in this report was collected and forwarded to CDC by the 57 reporting areas. The production of this report as an MMWR serial publication was coordinated in:

Epidemiology Program Office ..... Stephen B. Thacker, M.D., M.Sc.  
Director

Richard A. Goodman, M.D., M.P.H.  
Editor, MMWR Series

Division of Surveillance  
and Epidemiology ..... Donna F. Stroup, Ph.D., M.Sc.  
(Through April 1995) Director  
Scott F. Wetterhall, M.D., M.P.H.  
(May 1995) Director

Office of Scientific Communications (proposed)

CDC Surveillance Summaries ..... Suzanne M. Hewitt, M.P.A.  
Managing Editor  
M. William Park, Ph.D., M.P.H.  
Project Editor

Office of Program Management and Operations (proposed)

IRM Activity ..... Peter M. Jenkins  
Visual Information Specialist

Use of trade names is for identification only and does not imply endorsement by the Public Health Service or the U.S. Department of Health and Human Services.

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The following CDC staff members contributed to this report:

Denise T. Koo, M.D., M.P.H.

Andrew G. Dean, M.D., M.P.H.

Myra A. Montalbano

Carol M. Knowles

Deborah A. Adams

Timothy M. Copeland

Patsy A. Hall

Robert F. Fagan

Harry R. Holden

Gerald F. Jones

Clarence Lee Maddox

*Division of Surveillance and Epidemiology  
Epidemiology Program Office*

**Consultant**

Willie J. Anderson

*Office of the Vice President for Health Affairs*

*Emory University*



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## Foreword

### **MMWR Summary of Notifiable Diseases, United States, 1995**

This publication contains summary tables of the official statistics for the reported occurrence of nationally notifiable diseases in the United States for 1995. These statistics are collected and compiled from reports to the National Notifiable Diseases Surveillance System (NNDSS), which is operated by CDC in collaboration with the Council of State and Territorial Epidemiologists (CSTE). Because the dates of onset and dates of diagnosis for notifiable diseases may not always be reported, these surveillance data are presented by the week that they were reported to CDC by public health officials in state and territorial health departments. These data are finalized and published in the *MMWR Summary of Notifiable Diseases, United States* for use by state and local health departments; schools of medicine and public health; communications media; local, state, and federal agencies; and other agencies or persons interested in following the trends of reportable diseases in the United States. The annual publication of the *Summary* also documents which diseases are considered national priorities for notification and the annual number of cases of such diseases.

Part 1 contains information regarding morbidity for each of the diseases considered nationally notifiable during 1995. The tables provide the number of cases of notifiable diseases reported to CDC for 1995, as well as the distribution of cases by month and geographic location and by patient's age, sex, race, and Hispanic ethnicity. The data are final totals as of July 26, 1996, unless otherwise noted. There were no reported cases of anthrax, diphtheria, and yellow fever in the United States during 1995; thus, these three nationally notifiable diseases do not appear in the tables in Part 1. In all tables, leprosy is listed as Hansen disease and tickborne typhus fever is listed as Rocky Mountain spotted fever (RMSF).

Part 2 contains graphs and maps. These graphs and maps depict summary data for many of the notifiable diseases that are described in tabular form in Part 1.

Part 3 includes tables that list the number of cases of notifiable diseases reported to CDC since 1966. It also includes a table enumerating deaths associated with specified notifiable diseases that were reported to the National Center for Health Statistics, CDC, during 1984–1993.

## **Background**

As of January 1, 1995, 49 infectious diseases were designated as notifiable at the national level. A notifiable disease is one for which regular, frequent, and timely information regarding individual cases is considered necessary for the prevention and control of the disease. This section briefly summarizes the history of the reporting of nationally notifiable diseases in the United States.

In 1878, Congress authorized the U.S. Marine Hospital Service (i.e., the forerunner of the Public Health Service [PHS]) to collect morbidity reports regarding cholera, smallpox, plague, and yellow fever from U.S. consuls overseas; this information was to be used for instituting quarantine measures to prevent the introduction and spread of these diseases into the United States. In 1879, a specific Congressional appropriation was made for the collection and publication of reports of these notifiable diseases. The authority for weekly reporting and publication of these reports was expanded by Congress in 1893 to include data from states and municipal authorities. To increase the uniformity of the data, Congress enacted a law in 1902 directing the Surgeon General to provide forms for the collection and compilation of data and for the publication of reports at the national level. In 1912, state and territorial health authorities—in conjunction with PHS—recommended immediate telegraphic reporting of five infectious diseases and the monthly reporting, by letter, of 10 additional diseases. The first annual summary of *The Notifiable Diseases* in 1912 included reports of 10 diseases from 19 states, the District of Columbia, and Hawaii. By 1928, all states, the District of Columbia, Hawaii, and Puerto Rico were participating in national reporting of 29 specified diseases. At their annual meeting in 1950, the State and Territorial Health Officers authorized a conference of state and territorial epidemiologists whose purpose was to determine which diseases should be reported to PHS. In 1961, CDC assumed responsibility for the collection and publication of data concerning nationally notifiable diseases.

The list of nationally notifiable diseases is revised periodically. For example, a disease may be added to the list as a new pathogen emerges, or a disease may be deleted as its incidence declines. Public health officials at state health departments and CDC continue to collaborate in determining which diseases should be nationally notifiable; CSTE, with input from CDC, makes recommendations annually for additions and deletions to the list of nationally notifiable diseases. However, reporting of nationally notifiable diseases to CDC by the states is voluntary. Reporting is currently mandated (i.e., by state legislation or regulation) only at the state level. The list of diseases that are considered notifiable, therefore, varies slightly by state. All states generally report the internationally quarantinable diseases (i.e., cholera, plague, and yellow fever) in compliance with the World Health Organization's International Health Regulations.

CSTE and CDC held a national surveillance conference November 30–December 2, 1994, to review the state of national surveillance for infectious diseases. Conditions that were approved for addition to national surveillance during 1995 are genital infections caused by *Chlamydia trachomatis*, coccidioidomycosis (for regional surveillance), cryptosporidiosis, hantavirus pulmonary syndrome (HPS), (post-diarrheal)

hemolytic-uremic syndrome (HUS), pediatric infection with the human immunodeficiency virus (HIV), invasive group A streptococcal infections, streptococcal toxic-shock syndrome, and invasive infections caused by drug-resistant *Streptococcus pneumoniae*. These conditions currently are not reportable in all states, and the mechanism for reporting them may not involve clinicians or consist of reports of individual cases, which are the traditional reporting mechanisms. Reports of the number of cases of these conditions—with the exception of genital infections caused by *Chlamydia trachomatis* (which has been reportable in many states for a number of years)—will not appear in the current summary tables; they will, however appear in the 1996 annual summary.

At the 1994 conference, the following diseases were also proposed as deletions from the list of infectious diseases under national surveillance: amebiasis, aseptic meningitis, primary encephalitis (except for arboviral encephalitis), postinfectious encephalitis, granuloma inguinale, unspecified hepatitis, leptospirosis, lymphogranuloma venereum, rheumatic fever, and tularemia. These changes were confirmed by a vote of the full membership of CSTE in early 1995. The number of reported cases of these diseases will not appear in the summary tables for 1995 or for future years.

The list of 52 infectious diseases that were designated as notifiable at the national level at the end of 1995 appears below.\*

|  |  |   |
|--|--|---|
| Acquired immunodeficiency syndrome (AIDS)        | <i>Haemophilus influenzae</i> , invasive disease           | Psittacosis                                       |
| Anthrax  | Hansen disease (leprosy)                                   | Rabies, animal                                    |
| Botulism*  | Hantavirus pulmonary syndrome                              | Rabies, human                                     |
| Brucellosis                                      | Hemolytic-uremic syndrome, post-diarrheal†                 | Rocky Mountain spotted fever                      |
| Chancroid  | Hepatitis A  | Rubella   |
| <i>Chlamydia trachomatis</i> , genital infection | Hepatitis B  | Salmonellosis‡                                    |
| Cholera  | Hepatitis, C/non-A, non-B                                  | Shigellosis‡                                      |
| Coccidioidomycosis†                              | HIV infection, pediatric (i.e., in persons ages <13 years) | Streptococcal disease, invasive, group A†         |
| Congenital rubella syndrome                      | Legionellosis  | <i>Streptococcus pneumoniae</i> , drug-resistant† |
| Congenital syphilis                              | Lyme disease   | Streptococcal toxic-shock syndrome†               |
| Cryptosporidiosis                                | Malaria  | Syphilis  |
| Diphtheria                                       | Measles  | Tetanus   |
| Encephalitis, California                         | Meningococcal disease                                      | Toxic-shock syndrome                              |
| Encephalitis, eastern equine                     | Mumps  | Trichinosis                                       |
| Encephalitis, St. Louis                          | Pertussis  | Tuberculosis                                      |
| Encephalitis, western equine                     | Plague   | Typhoid fever                                     |
| <i>Escherichia coli</i> O157:H7                  | Poliomyelitis, paralytic                                   | Yellow fever‡                                     |
| Gonorrhea  |  |   |

\*Although varicella is not a nationally notifiable disease, the Council of State and Territorial Epidemiologists recommends reporting of cases of this disease to CDC.

†Not currently published in the weekly tables.

## Data Sources

Provisional data concerning the reported occurrence of notifiable diseases are published weekly in *MMWR*. After each reporting year, staff in state health departments finalize reports of cases for that year with local or county health departments and reconcile the data with reports previously sent to CDC throughout the year; these data are compiled in final form in this summary. Notifiable disease reports are published in the annual *MMWR Summary of Notifiable Diseases* only after approval by the appropriate epidemiologist from each submitting state or territory and are the authoritative and archival counts of cases. Data published in *MMWR Surveillance Summaries* or other surveillance reports produced by CDC programs, which are useful for detailed epidemiologic analyses, may not agree exactly with data reported in the annual *Summary of Notifiable Diseases* because of differences in the timing of reports, the source of the data, and the use of different case definitions.

Data in this summary were derived primarily from reports transmitted to the Division of Surveillance and Epidemiology, Epidemiology Program Office, CDC, by the health departments of 50 states, two cities, and five territories through the National Electronic Telecommunications System for Surveillance (NETSS). Final data for other diseases are from the surveillance-program records of the following CDC programs (requests for further information regarding these data should be directed to the source specified):

### **National Center for Health Statistics**

Office of Vital and Health Statistics Systems (deaths from selected notifiable diseases)

### **National Center for Infectious Diseases**

Division of Bacterial and Mycotic Diseases (toxic-shock syndrome and laboratory data regarding botulism, *Escherichia coli* O157:H7, *Salmonella*, *Shigella*, and penicillin-nonsusceptible *S. pneumoniae* [PNSP])

Division of HIV/AIDS

Division of Vector-Borne Infectious Diseases (laboratory data regarding arboviral encephalitis)

Division of Viral and Rickettsial Diseases (animal rabies)

### **National Center for HIV, STD, and TB Prevention (NCHSTP)**

Division of Sexually Transmitted Diseases Prevention (chancroid, chlamydia, gonorrhea, and syphilis)

Division of Tuberculosis Elimination (tuberculosis)

### **National Immunization Program**

Epidemiology and Surveillance Division (poliomyelitis)

Disease totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the Virgin Islands, and the Commonwealth of the Northern Mariana Islands (CNMI). Disease totals from American Samoa were unavailable for 1995.

Population estimates for states are based on the July 1, 1995, post-censal estimates made by the U.S. Department of Commerce, Bureau of the Census, Population Division, Population Estimates Branch, Press Release CB94-204. Because these estimates

are unavailable by age and sex for 1995, rates for reported disease occurrences by age group and among males and females use population totals from the July 1, 1993, post-censal estimates. Population estimates for territories are from the 1990 census, U.S. Department of Commerce, Bureau of the Census, Press Releases CB91-142, 242, 243, 263, and 276.

Rates in the *1995 Summary of Notifiable Diseases* were based on data for the U.S. total-resident population. However, population data from states in which diseases were not notifiable or disease data were not available were excluded from rate calculations.

### Interpreting Data

The data reported in this summary are useful for analyzing disease trends and determining relative disease burdens. However, these data must be interpreted in light of reporting practices. Some diseases that cause severe clinical illness (e.g., plague or rabies), if diagnosed by a clinician, are likely to be reported accurately. However, persons who have diseases that are clinically mild and infrequently associated with serious consequences (e.g., salmonellosis) may not even seek medical care from a health-care provider; even if these less severe diseases are diagnosed, they are less likely to be reported. The degree of completeness of reporting also is influenced by the diagnostic facilities that are available; the control measures that are in effect; the public awareness of a specific disease; and the interests, resources, and priorities of state and local officials responsible for disease control and public health surveillance. Finally, factors such as changes in the case definitions for public health surveillance, the introduction of new diagnostic tests, or the discovery of new disease entities may cause changes in disease reporting that are independent of the true incidence of disease.

Public health surveillance data are published for selected racial and ethnic population groups because these variables may be risk markers for certain notifiable diseases. Risk markers can identify potential risk factors for investigation in future studies. Data regarding race and ethnicity also can be useful for identifying groups to target for prevention efforts. However, caution must also be used when drawing conclusions from reported data relating to race and ethnicity. Among certain races and ethnicities, there are likely to be differential patterns of access to health care, interest in seeking health care, and detection of disease that would lead to data that are not representative of disease incidence in these populations. In addition, not all data concerning race and ethnicity are collected uniformly for all diseases. For example, the Division of HIV/AIDS Prevention and the Division of STD Prevention in NCHSTP collect information regarding race and ethnicity using a single variable instead of two separate variables. A person's racial and ethnic background is reported as either American Indian/Alaskan Native, Asian/Pacific Islander, Black non-Hispanic, White non-Hispanic, or Hispanic. Additionally, although the recommended standard for classifying a person's race or ethnicity is based on self-reporting, it is not clear that this procedure is always followed.

## **Highlights for Selected Infectious Diseases**

### **Arboviral Encephalitis**

In 1995, a case of encephalitis caused by Cache Valley virus was reported in North Carolina. Although this mosquito-borne bunyavirus was previously known to cause subclinical infections in humans, no clinical cases had been recognized previously.

### **Coccidioidomycosis**

In 1995, the CSTE recommended that coccidioidomycosis become a regionally reportable disease. Because the Emerging Infectious Program at the National Center for Infectious Diseases (NCID/CDC), in collaboration with the State of California Department of Health Services, has been conducting active surveillance for coccidioidomycosis in Kern County, California, for some time, its data are presented. The total number of coccidioidomycosis cases reported to the Kern County Health Department during 1995 was 770; this represents a drop in the number of cases when compared with the large number reported in the epidemic years during 1991–1994 (e.g., during 1992, a peak of 3,342 cases occurred in Kern County alone).

### **Creutzfeldt-Jakob Disease**

Creutzfeldt-Jakob disease (CJD) is a subacute, degenerative disease of the brain that is classified as a transmissible, spongiform encephalopathy. More than 85% of CJD patients die within 1 year of onset. From 1979 through 1994, there were 3,642 CJD-related deaths in the United States (based on national data concerning multiple causes of death and a preliminary total of 280 deaths in 1994). The average annual age-adjusted death rate attributed to CJD is 0.95 deaths per million persons. As of September 15, 1996, evidence does not indicate that cases of the newly described variant of CJD (i.e., the type identified in the United Kingdom) have occurred in the United States. This evidence is based on the analysis of both national data and data from active, retrospective surveillance for CJD conducted since 1991 by special surveillance teams in five areas of the country (1993 population: 16.3 million persons).

### **Cryptosporidiosis**

National reporting of cryptosporidiosis began in 1995. During 1995, it was reportable in 24 of 50 states; however, many other states have made or are in the process of making cryptosporidiosis a notifiable disease. Because the diagnosis of cryptosporidiosis is often not considered, and because most laboratories do not routinely test for *Cryptosporidium* infection, cryptosporidiosis will continue to be underdiagnosed and underreported.

### **Dengue and Dengue Hemorrhagic Fever**

In 1995, most tropical countries in the Americas reported major outbreaks of dengue and dengue hemorrhagic fever (DHF). During this period, the Pan American Health Organization received reports of over 250,000 total cases of dengue and DHF from member countries. This was the largest number reported since 1981, when the worst epidemic in the Americas occurred in Cuba. As a result of this widespread activity, the number of laboratory-positive cases of imported dengue in the United States increased to 86 in 1995 from 37 in 1994. During 1995, the Texas State Health Department reported eight laboratory-positive cases resulting from local transmission by

*Aedes aegypti* mosquitoes. Dengue transmission in the continental United States had not been reported since 1986.

#### **Hantavirus Pulmonary Syndrome**

Hantavirus pulmonary syndrome (HPS) is now recognized as a pan-American viral zoonosis caused by Sin Nombre virus and other New World hantaviruses. The identified rodent reservoirs for these viruses are as follows: *Peromyscus maniculatus* and *P. leucopus* (deer mouse and white-footed mouse, respectively) for Sin Nombre virus and its variants; *Sigmodon hispidus* (cotton rat) for Black Creek Canal virus; and *Oryzomys palustris* (rice rat) for Bayou virus. Cases of HPS have been found throughout the continental United States, in Canada, and in South America. As of August 22, 1996, national surveillance for HPS has identified 143 confirmed case-patients in 25 states (case-fatality rate: 50.2%); 23 of these cases occurred in 1995.

#### **Hemolytic-Uremic Syndrome**

Infection caused by Shiga toxin-producing *E. coli* (i.e., STEC), especially serotype O157:H7, is the leading cause of hemolytic-uremic syndrome (HUS) in the United States. Although an estimated 1,200 HUS cases caused by infectious agents occur in the United States each year, the absence of longstanding surveillance data has limited the assessment of HUS as a public health problem. When surveyed in August 1994, only 15 states listed HUS as a notifiable disease. Recent efforts to improve surveillance include the creation of a unique International Classification of Diseases code for HUS; the adoption of a uniform, post-diarrheal case definition for HUS by the CSTE; and the recommendation by CSTE, in 1995, that HUS be made a notifiable disease in all states. Efforts are also underway to establish active surveillance for HUS in selected states.

#### **HIV Infection in Children and Infants**

In 1994, results of the AIDS Clinical Trials Group Protocol 076 indicated that administering zidovudine to a selected group of pregnant, HIV-infected women, and subsequently to their newly born infants, reduced the risk for perinatal HIV transmission to these infants by two thirds. The U.S. Public Health Service (USPHS) subsequently issued guidelines for the use of zidovudine to reduce perinatal transmission of HIV (*MMWR* 1994;43[No. RR-11]:1-20) and the routine counseling and voluntary HIV testing of all pregnant women (*MMWR* 1995;44[No. RR-7]:1-15). USPHS also issued revised guidelines on PCP prophylaxis for children (*MMWR* 1995;44[No. RR-4]:1-11) that recommends each child born to an HIV-infected mother receive PCP prophylaxis until the child's HIV status is determined. States that conduct surveillance of pediatric HIV exposure/infection should be able to evaluate the implementation and impact of these guidelines most effectively and enhance early identification of HIV status in infants. In 1995, 28 states conducted surveillance of HIV infection in children. These states reported 332 HIV-infected children who had not progressed to acquired immunodeficiency syndrome (AIDS) and 229 children who had AIDS.

#### **Penicillin-Nonsusceptible *S. pneumoniae***

The prevalence of cases of penicillin-nonsusceptible *S. pneumoniae*\* (PNSP) among invasive pneumococcal infections in selected metropolitan areas for 1995 is presented. In these areas, population-based active surveillance for all invasive

pneumococcal infections is ongoing; in each of the regions, the denominator reflects >100 cases of invasive pneumococcal disease. The prevalence of PNSP from hospital to hospital within each metropolitan area varied widely, suggesting that sentinel hospitals may not accurately reflect the prevalence of PNSP within a given city, let alone for the entire state. In addition, the prevalence of PNSP cases can increase rapidly (e.g., the prevalence of PNSP cases for Atlanta was 25% in 1994 and 33% in 1995).

| Active surveillance area   | Prevalence of PNSP among invasive pneumococcal infections |
|--|---|
| State of Connecticut <sup>†</sup><br>Baltimore, MD<br>Minneapolis/St. Paul, MN <sup>†</sup><br>San Francisco, CA | 10%-19%   |
| Portland, OR <sup>†</sup><br>San Antonio, TX   | 20%-29%   |
| Atlanta, GA<br>Urban counties, TN <sup>§</sup>   | ≥30%  |

\* *S. pneumoniae* isolates with penicillin minimum inhibitory concentration ≥0.125 µg/mL.

<sup>†</sup>These figures are based on data from <1 year.

<sup>§</sup>Includes the metropolitan areas of Chattanooga, Knoxville, Memphis, and Nashville, Tennessee.

## International Notes

### Ebola Hemorrhagic Fever

In 1995, an outbreak of Ebola hemorrhagic fever (EHF) caused by the Zaire subtype of Ebola virus occurred in Kikwit, Zaire. A total of 316 cases of EHF were confirmed, resulting in 244 deaths (case-fatality rate: 77%). Case-patients ranged in age from 3 days to 71 years (median age: 35 years), and slightly more than half of the case-patients (i.e., 53%) were female. The earliest identified case occurred in January, and the epidemic peaked in May 1995. In December 1995, a single case of EHF occurred in Cote d'Ivoire and was caused by the recently recognized Ivory Coast subtype of Ebola virus. The natural reservoir of Ebola virus remains unknown.



# PART 1:

## Summaries of Notifiable Diseases in the United States

### EXPLANATION OF SYMBOLS USED IN TABLES, GRAPHS, AND MAPS

|   |    |
|---|----|
| Data not available.....   | NA |
| Report of disease is not required<br>in that jurisdiction<br>(not notifiable) ..... | NN |
| No reported cases .....   | -  |



**NOTIFIABLE DISEASES — Summary of reported cases, by month, United States, 1995**

| Name                                       | Total   | Jan.   | Feb.    | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.   | Oct.    | Nov.    | Dec.   | Unk. |
|--|---------|--------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|------|
| AIDS*                                      | 71,547  | 5,499  | 5,651   | 8,455  | 4,741  | 5,418  | 5,765  | 6,797  | 5,104  | 7,291   | 5,160   | 6,002   | 5,764  | -    |
| Boutilliosis, total                        | 97      | 2      | 3       | 6      | 7      | 6      | 3      | 9      | 10     | 17      | 9       | 18      | -      | -    |
| Brucellosis                                | 98      | 3      | 3       | 1      | 10     | 9      | 15     | 6      | 6      | 7       | 6       | 2       | 28     | -    |
| Chancroid                                  | 606     | 142    | 142     | 142    | 142    | 142    | 142    | 142    | 142    | 142     | 142     | 135     | 135    | -    |
| Cholera                                    | 213     | 2      | 69      | 62     | 2      | 5      | 3      | 5      | 2      | 1       | 2       | 1       | 1      | -    |
| Escherichia coli O157:H7                   | 477,638 | 105    | 102,600 | 103    | 106    | 127    | 94     | 68     | 111    | 106,793 | 116,793 | 121,768 | -      | -    |
| Gonorrhea <sup>†</sup>                     | 2,139   | 50     | 69      | 62     | 65     | 73     | 138    | 138    | 263    | 289     | 381     | 256     | 215    | 278  |
| Haemophilus influenzae, invasive           | 392,848 | 105    | 105     | 105    | 105    | 105    | 105    | 105    | 105    | 105     | 105     | 96,100  | 168    | -    |
| Hansen disease (leprosy)                   | 1,144   | 9      | 7       | 10     | 17     | 19     | 15     | 15     | 15     | 12      | 8       | 3       | 21     | -    |
| Hepatitis A                                | 31,582  | 1,449  | 2,100   | 2,245  | 2,690  | 2,129  | 2,246  | 3,047  | 2,668  | 3,414   | 2,891   | 2,498   | 4,305  | -    |
| Hepatitis B                                | 10,805  | 466    | 707     | 837    | 1,046  | 884    | 799    | 1,012  | 763    | 884     | 829     | 744     | 1,854  | -    |
| Hepatitis C, non-A non-B                   | 4,576   | 144    | 440     | 314    | 1,448  | 283    | 290    | 380    | 317    | 357     | 392     | 292     | 959    | -    |
| Legionellosis                              | 1,241   | 67     | 93      | 133    | 104    | 76     | 148    | 84     | 111    | 90      | 59      | 206     | -      | -    |
| Lyme disease                               | 11,700  | 207    | 424     | 436    | 394    | 482    | 747    | 1,385  | 1,678  | 1,421   | 1,041   | 868     | 1,413  | -    |
| Malaria                                    | 1,419   | 52     | 95      | 74     | 80     | 85     | 97     | 184    | 121    | 187     | 155     | 94      | 215    | -    |
| Mumps (rubella)                            | 3,809   | 22     | 26      | 108    | 29     | 17     | 20     | 16     | 14     | 187     | 11      | 10      | -      | -    |
| Meningococcal disease                      | 3,243   | 226    | 278     | 339    | 357    | 314    | 218    | 253    | 149    | 157     | 223     | 181     | 568    | -    |
| Mumps                                      | 906     | 51     | 52      | 86     | 124    | 81     | 59     | 36     | 63     | 70      | 69      | 130     | -      | -    |
| Pertussis (whooping cough)                 | 5,137   | 195    | 216     | 212    | 275    | 260    | 220    | 538    | 534    | 795     | 468     | 430     | 1,084  | -    |
| Plague                                     | 9       | -      | -       | -      | 2      | -      | 2      | 1      | -      | 2       | -       | -       | -      | -    |
| Polyomyelitis, paralytic <sup>‡</sup>      | -       | -      | 2       | -      | -      | -      | -      | -      | -      | -       | -       | -       | -      | -    |
| Pottitosis                                 | 64      | 4      | 2       | 5      | 7      | 6      | 9      | 4      | 4      | 1       | 6       | 7       | 9      | -    |
| Rabies, animal                             | 7,811   | 436    | 417     | 716    | 784    | 572    | 614    | 1,080  | 874    | 720     | 695     | 461     | 772    | -    |
| Rocky Mountain spotted fever               | 5       | -      | -       | 1      | -      | -      | -      | -      | -      | -       | 1       | -       | 2      | -    |
| Rocky Mountain spotted fever               | 128     | 8      | 10      | 7      | 14     | 30     | 56     | 103    | 110    | 57      | 26      | 66      | -      | -    |
| Rubella (German measles)                   | 128     | 9      | 4       | 3      | 9      | 10     | 17     | 35     | 17     | 2       | 3       | 7       | 12     | -    |
| Rubella, congenital syndrome               | 6       | 2      | 1       | 1      | 1      | 1      | 1      | -      | -      | -       | -       | -       | 1      | -    |
| Salmoneellosis                             | 45,970  | 1,716  | 2,142   | 1,947  | 2,584  | 2,707  | 3,242  | 5,146  | 4,675  | 6,282   | 5,408   | 3,976   | 6,026  | -    |
| Shigellosis, total all stages <sup>§</sup> | 32,080  | 1,335  | 2,015   | 1,833  | 2,112  | 2,022  | 2,093  | 3,115  | 2,773  | 3,918   | 3,676   | 2,504   | 4,684  | -    |
| Syphilis, total all stages <sup>¶</sup>    | 68,953  | 17,396 | 18,055  | 18,065 | 18,065 | 18,065 | 18,065 | 18,150 | 18,150 | 18,150  | 18,150  | 15,342  | 15,342 | -    |
| Primary and secondary <sup>¶</sup>         | 16,500  | 4,322  | 4,322   | 4,030  | 4,030  | 4,030  | 4,030  | 4,325  | 4,325  | 4,325   | 4,325   | 3,813   | 3,813  | -    |
| Congenital < 1 year**                      | 1,544   | 192    | 170     | 178    | 190    | 120    | 148    | 124    | 102    | 104     | 109     | 67      | -      | -    |
| Tetanus                                    | 1       | 1      | 1       | 3      | 3      | 1      | 2      | 3      | 4      | 4       | 3       | 10      | 10     | -    |
| Toxic-shock syndrome                       | 191     | 9      | 21      | 17     | 19     | 16     | 9      | 16     | 9      | 18      | 13      | 13      | 33     | -    |
| Trichinosis <sup>††</sup>                  | 29      | 2      | 6       | 8      | 1      | 2      | 2      | 2      | 2      | 1       | 2       | 1       | 2      | -    |
| Tuberculosis <sup>††</sup>                 | 22,860  | 632    | 1,343   | 1,827  | 1,871  | 1,957  | 2,065  | 1,936  | 2,036  | 1,908   | 1,886   | 1,568   | 3,839  | -    |
| Typhoid fever                              | 369     | 16     | 27      | 32     | 33     | 35     | 35     | 31     | 20     | 53      | 32      | 33      | 36     | -    |
| Varicella (chickenpox) <sup>††</sup>       | 120,624 | 12,488 | 15,502  | 17,503 | 19,987 | 16,712 | 11,242 | 7,195  | 9,07   | 1,923   | 2,447   | 4,300   | 10,448 | -    |

\*The total number of acquired immunodeficiency syndrome (AIDS) cases includes all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP) through December 31, 1995.

\*\*Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP; as of March 1, 1996.

†Chlamydia refers to genital infections caused by *C. trachomatis*.

‡Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel.

§For congenital syphilis only, cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP; as of August 26, 1996.

¶Cases were updated through the Division of Tuberculosis Elimination, NCHSTP; as of May 29, 1996.

\*\*Not nationally notifiable.

## SUMMARY TABLES — 1995

## NOTIFIABLE DISEASES — Reported cases, by geographic division and area, United States, 1995

| Area             | Total resident population<br>(in thousands) | AIDS*  | Botulism  |        | Brucellosis | Chancroid† |
|------------------|---|--------|-----------|--------|-------------|------------|
|                  |   |        | Foodborne | Infant |             |            |
| United States    | 262,756                                     | 71,547 | 24        | 54     | 98          | 606        |
| New England      | 13,312                                      | 3,688  | 1         | -      | 1           | 7          |
| Maine            | 1,241                                       | 130    | -         | -      | -           | -          |
| N.H.             | 1,148                                       | 112    | -         | -      | -           | -          |
| Vt.              | 585   | 44     | -         | -      | -           | -          |
| Mass.            | 6,074                                       | 1,447  | 1         | -      | -           | 7          |
| R.I.             | 990   | 223    | -         | -      | -           | -          |
| Conn.            | 3,275                                       | 1,652  | -         | -      | 1           | -          |
| Mid. Atlantic    | 38,153                                      | 19,185 | -         | 16     | 2           | 340        |
| N.Y. (excl. NYC) | 10,824                                      | 2,364  | -         | 1      | -           | 2          |
| N.Y.C.           | 7,312                                       | 10,035 | -         | -      | 1           | 334        |
| N.J.             | 7,945                                       | 4,409  | -         | 7      | -           | 4          |
| Pa.              | 12,072                                      | 2,377  | -         | 8      | 1           | -          |
| E.N. Central     | 43,456                                      | 5,410  | -         | 5      | 12          | 29         |
| Ohio             | 11,151                                      | 1,110  | -         | 2      | -           | 5          |
| Ind.             | 5,803                                       | 529    | -         | -      | -           | -          |
| Ill.             | 11,830                                      | 2,220  | -         | -      | 8           | 21         |
| Mich.            | 9,549                                       | 1,201  | -         | 1      | 3           | -          |
| Wis.             | 5,123                                       | 350    | -         | 2      | 1           | 3          |
| W.N. Central     | 18,348                                      | 1,734  | -         | 1      | 4           | 2          |
| Minn.            | 4,810                                       | 369    | -         | -      | 2           | -          |
| Iowa             | 2,842                                       | 116    | -         | -      | 2           | -          |
| Mo.              | 5,324                                       | 791    | -         | -      | -           | -          |
| N. Dak.          | 841   | 5      | -         | -      | -           | -          |
| S. Dak.          | 729   | 19     | -         | -      | -           | -          |
| Nebz.            | 1,637                                       | 114    | -         | -      | -           | -          |
| Kans.            | 2,565                                       | 320    | 1         | -      | -           | 2          |
| S. Atlantic      | 46,995                                      | 17,983 | -         | 1      | 9           | 47         |
| Del.             | 717   | 316    | -         | 1      | -           | -          |
| Md.              | 5,042                                       | 2,575  | -         | 1      | 2           | -          |
| D.C.             | 554   | 1,029  | -         | -      | -           | -          |
| Va.              | 6,618                                       | 1,810  | 1         | 2      | -           | 2          |
| W. Va.           | 1,828                                       | 127    | -         | -      | -           | 1          |
| N.C.             | 7,195                                       | 1,000  | -         | -      | 3           | 18         |
| S.C.             | 3,673                                       | 876    | -         | -      | 1           | -          |
| Ga.              | 7,201                                       | 2,291  | -         | -      | 1           | 2          |
| Fla.             | 14,166                                      | 8,069  | -         | -      | 2           | 24         |
| E.S. Central     | 16,066                                      | 2,279  | -         | 1      | 3           | 9          |
| Ky.              | 3,860                                       | 298    | -         | 1      | -           | -          |
| Tenn.            | 5,256                                       | 867    | -         | -      | -           | 2          |
| Ala.             | 4,253                                       | 642    | -         | -      | -           | 7          |
| Miss.            | 2,697                                       | 442    | -         | -      | 3           | -          |
| W.S. Central     | 28,828                                      | 6,136  | -         | 1      | 24          | 156        |
| Ark.             | 2,484                                       | 277    | -         | -      | 4           | 1          |
| La.              | 4,342                                       | 1,087  | -         | 1      | -           | 129        |
| Okla.            | 3,278                                       | 295    | -         | -      | 1           | -          |
| Tex.             | 18,724                                      | 4,477  | -         | -      | 19          | 26         |
| Mountain         | 15,645                                      | 2,263  | 7         | 2      | 13          | 4          |
| Mont.            | 870   | 25     | -         | -      | 1           | -          |
| Idaho            | 1,163                                       | 49     | 4         | -      | -           | -          |
| Wyo.             | 480   | 17     | -         | -      | 2           | -          |
| Colo.            | 3,747                                       | 673    | 1         | -      | 1           | -          |
| N. Mex.          | 1,685                                       | 164    | -         | -      | 4           | -          |
| Ariz.            | 4,218                                       | 678    | 2         | -      | 5           | 2          |
| Utah             | 1,951                                       | 164    | -         | 2      | -           | -          |
| Nev.             | 1,530                                       | 493    | -         | -      | -           | 2          |
| Pacific          | 41,951                                      | 12,813 | 14        | 25     | 30          | 12         |
| Wash.            | 5,431                                       | 892    | 6         | -      | -           | 5          |
| Oreg.            | 3,141                                       | 459    | -         | -      | 1           | -          |
| Calif.           | 31,589                                      | 11,134 | 3         | 23     | 29          | 7          |
| Alaska           | 604   | 69     | 5         | -      | -           | -          |
| Hawaii           | 1,167                                       | 259    | -         | 2      | -           | -          |
| Guam             | 133   | -      | -         | -      | -           | -          |
| P.R.             | 3,522                                       | 2,594  | -         | -      | -           | 1          |
| V.I.             | 102   | 39     | -         | -      | -           | 2          |
| C.N.M.I.         | 43  | -      | NA        | NA     | NA          | NA         |
| American Samoa   | 47  | -      | NA        | NA     | NA          | NA         |

\*The total number of acquired immunodeficiency syndrome (AIDS) cases includes all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP) through December 31, 1995. This total includes 136 cases in persons whose state of residence is unknown.

NA: Not Available

—: No reported cases

†Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996.

## SUMMARY TABLES — 1995

NOTIFIABLE DISEASES — Reported cases, by geographic division and area,  
United States, 1995 (continued)

| Area             | Chlamydia*† | Cholera | Escherichia coli O157:H7 |        |            | Haemophilus<br>influenzae,<br>invasive |
|------------------|-------------|---------|--------------------------|--------|------------|--|
|                  |             |         | NETSS‡                   | PHLIS§ | Gonorrhea† |  |
| United States    | 477,638     | 23      | 2,139                    | 1,531  | 392,948    | 1,180                                  |
| New England      | 18,248      | —       | 243                      | 139    | 7,539      | 46                                     |
| Maine            | 1,144       | —       | 65                       | —      | 94         | 3                                      |
| N.H.             | 898         | —       | NA                       | 21     | 118        | 13                                     |
| Vt.              | 462         | —       | 20                       | 22     | 69         | 2                                      |
| Mass.            | 7,402       | —       | 118                      | 95     | 2,658      | 16                                     |
| R.I.             | 1,902       | —       | 3                        | —      | 545        | 5                                      |
| Conn.            | 6,440       | —       | 37                       | —      | 4,055      | 7                                      |
| Mid. Atlantic    | 53,703      | 4       | 242                      | 209    | 44,813     | 177                                    |
| N.Y. (excl. NYC) | NN          | 1       | 169                      | 114    | 9,493      | 45                                     |
| N.Y.C.           | 26,686      | 1       | 7                        | —      | 16,499     | 36                                     |
| N.J.             | 4,056       | 1       | 66                       | 51     | 5,783      | 32                                     |
| Pa.              | 22,961      | 1       | NN                       | 44     | 13,038     | 64                                     |
| E.N. Central     | 93,482      | 2       | 372                      | 358    | 77,547     | 190                                    |
| Ohio             | 29,124      | —       | 107                      | 59     | 23,176     | 99                                     |
| Ind.             | 9,102       | 1       | 64                       | 42     | 8,880      | 22                                     |
| Ill.             | 24,645      | 1       | 126                      | 90     | 21,747     | 48                                     |
| Mich.            | 21,666      | —       | 75                       | 49     | 18,220     | 18                                     |
| Wis.             | 8,955       | —       | NN                       | 118    | 5,524      | 3                                      |
| W.N. Central     | 34,055      | 1       | 415                      | 278    | 20,106     | 94                                     |
| Minn.            | 6,032       | 1       | 199                      | 186    | 2,852      | 56                                     |
| Iowa             | 5,089       | —       | 66                       | 52     | 1,723      | 3                                      |
| Mo.              | 12,110      | —       | 48                       | —      | 11,326     | 28                                     |
| N. Dak.          | 1,324       | —       | 8                        | 8      | 38         | —                                      |
| S. Dak.          | 1,313       | —       | 23                       | 12     | 237        | 1                                      |
| Nebr.            | 2,873       | —       | 42                       | —      | 1,133      | 3                                      |
| Kans.            | 5,314       | —       | 29                       | 20     | 2,797      | 3                                      |
| S. Atlantic      | 85,575      | 2       | 135                      | 83     | 110,052    | 236                                    |
| Del.             | 2,701       | 1       | 5                        | 2      | 2,201      | —                                      |
| Md.              | 8,740       | —       | NN                       | 8      | 12,984     | 74                                     |
| D.C.             | 1,665       | —       | —                        | —      | 5,687      | —                                      |
| Va.              | 12,285      | —       | NN                       | 32     | 10,340     | 28                                     |
| W. Va.           | 2,326       | —       | NN                       | 3      | 860        | 11                                     |
| N.C.             | 15,780      | —       | 45                       | 29     | 23,961     | 34                                     |
| S.C.             | 8,591       | —       | 10                       | 5      | 12,120     | 3                                      |
| Ga.              | 11,193      | —       | 29                       | —      | 21,025     | 71                                     |
| Fla.             | 22,294      | 1       | 46                       | 4      | 20,874     | 15                                     |
| E.S. Central     | 24,158      | —       | 38                       | 38     | 42,837     | 12                                     |
| Ky.              | 6,904       | —       | 19                       | 15     | 4,751      | 5                                      |
| Tenn.            | 13,154      | —       | NN                       | 23     | 13,892     | —                                      |
| Ala.             | 3,188       | —       | 16                       | —      | 14,683     | 6                                      |
| Miss.            | 912         | —       | 3                        | —      | 9,511      | 1                                      |
| W.S. Central     | 59,483      | 2       | 69                       | 18     | 50,800     | 80                                     |
| Ark.             | 680         | —       | 15                       | 7      | 5,830      | 6                                      |
| La.              | 9,111       | —       | NN                       | 3      | 9,292      | 1                                      |
| Okl.             | 5,065       | —       | 16                       | 8      | 5,077      | 31                                     |
| Tex.             | 44,627      | 2       | 38                       | —      | 30,801     | 42                                     |
| Mountain         | 29,361      | 3       | 278                      | 122    | 9,509      | 122                                    |
| Mont.            | 1,198       | —       | 60                       | —      | 65         | 1                                      |
| Idaho            | 1,739       | —       | 63                       | 35     | 149        | 6                                      |
| Wyo.             | 703         | —       | NN                       | 7      | 51         | 11                                     |
| Colo.            | 6,650       | 1       | 93                       | 37     | 2,803      | 16                                     |
| N. Mex.          | 4,285       | 1       | 10                       | 5      | 1,054      | 16                                     |
| Ariz.            | 10,061      | 1       | NN                       | 26     | 3,844      | 30                                     |
| Utah             | 1,676       | —       | 29                       | —      | 306        | 12                                     |
| Nev.             | 3,049       | —       | 23                       | 12     | 1,237      | 30                                     |
| Pacific          | 79,563      | 9       | 347                      | 286    | 29,645     | 223                                    |
| Wash.            | 9,462       | —       | 140                      | 132    | 2,765      | 11                                     |
| Oreg.            | 5,465       | —       | 29                       | 61     | 854        | 28                                     |
| Calif.           | 62,501      | 9       | 118                      | 77     | 24,803     | 178                                    |
| Alaska           | NN          | —       | NN                       | 1      | 660        | 2                                      |
| Hawaii           | 2,135       | —       | NN                       | 15     | 563        | 4                                      |
| Guam             | 461         | —       | 1                        | —      | 90         | —                                      |
| P.R.             | 2,305       | —       | 43                       | NA     | 618        | 3                                      |
| V.I.             | 17          | —       | —                        | NA     | 31         | —                                      |
| C.N.M.J.         | NA          | 9       | NN                       | —      | NA         | 11                                     |
| American Samoa   | NA          | NA      | NA                       | NA     | NA         | NA                                     |

\*Chlamydia refers to genital infections caused by *C. trachomatis*.

†Cases were updated through the Division of Sexually Transmitted Disease Prevention, NCHSTP, as of March 1, 1996.

‡Data from the National Electronic Telecommunications System for Surveillance.

§Data from the Public Health Laboratory Information System.

NA: Not Available

NN: Not Notifiable

—: No reported cases

## SUMMARY TABLES — 1995

NOTIFIABLE DISEASES — Reported cases, by geographic division and area,  
United States, 1995 (continued)

| Area             | Hansen<br>disease<br>(leprosy) | Hepatitis |        |                   | Legionel-<br>losis | Lyme<br>disease | Malaria |
|------------------|--------------------------------|-----------|--------|-------------------|--------------------|-----------------|---------|
|                  |                                | A         | B      | C/non-A,<br>non-B |                    |                 |         |
| United States    | 144                            | 31,582    | 10,805 | 4,576             | 1,241              | 11,700          | 1,419   |
| New England      | 7                              | 333       | 252    | 142               | 41                 | 2,164           | 52      |
| Maine            | -                              | 30        | 12     | -                 | 6                  | 45              | 7       |
| N.H.             | -                              | 13        | 23     | 14                | 2                  | 28              | 2       |
| Vt.              | -                              | 8         | 7      | 14                | 2                  | 9               | 1       |
| Mass.            | 7                              | 161       | 114    | 106               | 24                 | 189             | 21      |
| R.I.             | -                              | 35        | 10     | 8                 | 7                  | 345             | 4       |
| Conn.            | -                              | 86        | 86     | -                 | NN                 | 1,548           | 17      |
| Mid. Atlantic    | 14                             | 2,091     | 1,589  | 590               | 226                | 7,703           | 402     |
| N.Y. (excl. NYC) | 1                              | 523       | 414    | 341               | 65                 | 3,983           | 75      |
| N.Y.C.           | 12                             | 1,008     | 524    | 1                 | 6                  | 455             | 222     |
| N.J.             | 1                              | 312       | 388    | 189               | 33                 | 1,703           | 73      |
| Pa.              | -                              | 248       | 293    | 59                | 122                | 1,562           | 32      |
| E.N. Central     | 3                              | 3,160     | 1,130  | 358               | 341                | 441             | 180     |
| Ohio             | 1                              | 1,760     | 116    | 15                | 151                | 30              | 13      |
| Ind.             | 1                              | 189       | 241    | 14                | 81                 | 19              | 20      |
| Ill.             | 1                              | 663       | 293    | 86                | 36                 | 18              | 78      |
| Mich.            | -                              | 364       | 398    | 243               | 35                 | 5               | 26      |
| Wis.             | -                              | 184       | 82     | -                 | 38                 | 369             | 23      |
| W.N. Central     | 2                              | 1,982     | 675    | 91                | 121                | 306             | 38      |
| Minn.            | -                              | 198       | 93     | 4                 | 49                 | 208             | 12      |
| Iowa             | -                              | 107       | 46     | 15                | 21                 | 16              | 3       |
| Mo.              | 1                              | 1,338     | 437    | 23                | 19                 | 53              | 9       |
| N. Dak.          | -                              | 23        | 5      | 7                 | 3                  | -               | 2       |
| S. Dak.          | -                              | 99        | 2      | 1                 | 3                  | -               | 2       |
| Nebr.            | 1                              | 65        | 39     | 23                | 18                 | 6               | 4       |
| Kans.            | -                              | 162       | 53     | 18                | 8                  | 23              | 4       |
| S. Atlantic      | 4                              | 1,434     | 1,569  | 316               | 199                | 726             | 277     |
| Del.             | -                              | 12        | 9      | -                 | 2                  | 56              | 1       |
| Md.              | 2                              | 221       | 262    | 7                 | 29                 | 454             | 63      |
| D.C.             | -                              | 26        | 21     | -                 | 5                  | 3               | 18      |
| Va.              | -                              | 238       | 118    | 21                | 28                 | 55              | 55      |
| W. Va.           | -                              | 24        | 53     | 44                | 4                  | 26              | 4       |
| N.C.             | -                              | 111       | 311    | 64                | 34                 | 84              | 20      |
| S.C.             | 1                              | 46        | 56     | 21                | 30                 | 17              | 3       |
| Ga.              | -                              | 84        | 103    | 28                | 19                 | 14              | 41      |
| Fla.             | 1                              | 672       | 666    | 131               | 48                 | 17              | 74      |
| E.S. Central     | -                              | 2,312     | 890    | 1,829             | 56                 | 73              | 27      |
| Ky.              | -                              | 44        | 69     | 34                | 10                 | 16              | 3       |
| Tenn.            | -                              | 1,951     | 647    | 983               | 26                 | 29              | 10      |
| Ala.             | -                              | 93        | 114    | 3                 | 8                  | 12              | 11      |
| Miss.            | -                              | 224       | NA     | NA                | 12                 | 17              | 3       |
| W.S. Central     | 38                             | 6,287     | 1,712  | 631               | 32                 | 160             | 100     |
| Ark.             | 1                              | 663       | 83     | 8                 | 8                  | 11              | 3       |
| La.              | 1                              | 196       | 243    | 222               | 3                  | 9               | 7       |
| Ola.             | -                              | 1,427     | 173    | 54                | 8                  | 63              | 1       |
| Tex.             | 35                             | 3,001     | 1,213  | 347               | 13                 | 77              | 89      |
| Mountain         | -                              | 4,346     | 879    | 519               | 116                | 13              | 66      |
| Mont.            | -                              | 173       | 24     | 18                | 4                  | -               | 3       |
| Idaho            | -                              | 363       | 102    | 58                | 3                  | -               | 2       |
| Wyo.             | -                              | 110       | 33     | 223               | 12                 | 4               | 1       |
| Colo.            | -                              | 509       | 138    | 69                | 42                 | -               | 26      |
| N. Mex.          | -                              | 808       | 321    | 53                | 6                  | 1               | 7       |
| Ariz.            | -                              | 1,363     | 121    | 59                | 13                 | 1               | 15      |
| Utah             | -                              | 896       | 75     | 13                | 16                 | 1               | 6       |
| Nev.             | -                              | 334       | 65     | 28                | 20                 | 6               | 6       |
| Pacific          | 76                             | 10,627    | 2,129  | 909               | 109                | 114             | 299     |
| Wash.            | 3                              | 937       | 226    | 234               | 22                 | 10              | 23      |
| Oreg.            | 1                              | 2,723     | 129    | 37                | -                  | 20              | 21      |
| Calif.           | 52                             | 6,761     | 1,729  | 511               | 82                 | 84              | 238     |
| Alaska           | 1                              | 50        | 13     | 3                 | -                  | -               | 5       |
| Hawaii           | 19                             | 166       | 32     | 124               | 5                  | -               | 12      |
| Guam             | 7                              | 10        | 5      | 6                 | 1                  | -               | 2       |
| P.R.             | -                              | 120       | 689    | 218               | -                  | -               | 1       |
| V.I.             | -                              | 9         | 16     | -                 | -                  | -               | 2       |
| C.N.M.I.         | 6                              | 24        | 22     | 5                 | -                  | -               | 1       |
| American Samoa   | NA                             | NA        | NA     | NA                | NA                 | NA              | NA      |

NA: Not Available

NN: Not Notifiable

-: No reported cases

**NOTIFIABLE DISEASES — Reported cases, by geographic division and area,  
United States, 1995 (continued)**

| Area             | Measles    |                       | Meningo-<br>coccal<br>disease | Mumps | Pertussis | Plague | Polio-<br>myelitis,<br>paralytic <sup>c</sup> |
|------------------|------------|-----------------------|-------------------------------|-------|-----------|--------|---|
|                  | Indigenous | Imported <sup>a</sup> |                               |       |           |        |   |
| United States    | 281        | 28                    | 3,243                         | 906   | 5,137     | 9      | 2   |
| New England      | 10         | 3                     | 165                           | 13    | 731       | —      | —   |
| Maine            | —          | —                     | 17                            | 4     | 47        | —      | —   |
| N.H.             | —          | —                     | 29                            | 1     | 70        | —      | —   |
| Vt.              | —          | —                     | 11                            | —     | 81        | —      | —   |
| Mass.            | 3          | 2                     | 51                            | 3     | 492       | —      | —   |
| R.I.             | 6          | —                     | 7                             | 1     | 7         | —      | —   |
| Conn.            | 1          | 1                     | 50                            | 4     | 34        | —      | —   |
| Mid. Atlantic    | 9          | 5                     | 372                           | 134   | 469       | —      | 1   |
| N.Y. (excl. NYC) | 1          | —                     | 106                           | 33    | 253       | —      | —   |
| N.Y.C.           | 2          | 3                     | 54                            | 17    | 67        | —      | —   |
| N.J.             | 6          | 2                     | 74                            | 21    | 20        | —      | —   |
| Pa.              | —          | —                     | 138                           | 63    | 129       | —      | 1   |
| E.N. Central     | 11         | 4                     | 419                           | 172   | 667       | —      | —   |
| Ohio             | 1          | 1                     | 115                           | 54    | 175       | —      | —   |
| Ind.             | —          | —                     | 65                            | 10    | 76        | —      | —   |
| Ill.             | —          | 2                     | 110                           | 48    | 155       | —      | —   |
| Mich.            | 4          | 1                     | 75                            | 60    | 103       | —      | —   |
| Wis.             | 6          | —                     | 54                            | —     | 158       | —      | —   |
| W.N. Central     | 12         | —                     | 201                           | 52    | 369       | —      | 1   |
| Minn.            | 9          | —                     | 31                            | 11    | 238       | —      | —   |
| Iowa             | —          | —                     | 31                            | 11    | 11        | —      | —   |
| Mo.              | 2          | —                     | 76                            | 25    | 63        | —      | —   |
| N. Dak.          | —          | —                     | 2                             | 1     | 8         | —      | —   |
| S. Dak.          | —          | —                     | 11                            | —     | 12        | —      | —   |
| Nebr.            | —          | —                     | 22                            | 4     | 14        | —      | —   |
| Kans.            | 1          | —                     | 28                            | —     | 23        | —      | —   |
| S. Atlantic      | 14         | 5                     | 601                           | 163   | 388       | —      | —   |
| Del.             | —          | —                     | 6                             | —     | 10        | —      | —   |
| Md.              | —          | 1                     | 42                            | 41    | 49        | —      | —   |
| D.C.             | —          | —                     | 8                             | —     | 8         | —      | —   |
| Va.              | —          | —                     | 64                            | 28    | 31        | —      | —   |
| W. Va.           | —          | —                     | 10                            | —     | 1         | —      | —   |
| N.C.             | —          | —                     | 86                            | 42    | 137       | —      | —   |
| S.C.             | —          | —                     | 59                            | 13    | 28        | —      | —   |
| Ga.              | 4          | —                     | 124                           | 11    | 30        | —      | —   |
| Fla.             | 10         | 4                     | 202                           | 28    | 94        | —      | —   |
| E.S. Central     | —          | —                     | 244                           | 20    | 277       | —      | —   |
| Ky.              | —          | —                     | 51                            | —     | 27        | —      | —   |
| Tenn.            | —          | —                     | 106                           | 5     | 209       | —      | —   |
| Ala.             | —          | —                     | 49                            | 5     | 38        | NN     | —   |
| Miss.            | —          | —                     | 38                            | 10    | 3         | —      | —   |
| W.S. Central     | 31         | 3                     | 404                           | 66    | 342       | —      | —   |
| Ark.             | 2          | —                     | 39                            | 7     | 59        | —      | —   |
| La.              | 17         | 1                     | 63                            | 15    | 22        | —      | —   |
| Oka.             | —          | —                     | 49                            | 1     | 44        | —      | —   |
| Tex.             | 12         | 2                     | 253                           | 43    | 217       | —      | —   |
| Mountain         | 68         | 2                     | 218                           | 33    | 743       | 5      | —   |
| Mont.            | —          | —                     | 4                             | 1     | 9         | —      | —   |
| Idaho            | 1          | 1                     | 21                            | 4     | 116       | —      | —   |
| Wyo.             | —          | —                     | 8                             | —     | 1         | —      | —   |
| Colo.            | 26         | —                     | 49                            | 3     | 149       | —      | —   |
| N. Mex.          | 30         | 1                     | 36                            | NN    | 142       | 4      | —   |
| Ariz.            | 10         | —                     | 63                            | 2     | 164       | 1      | —   |
| Utah             | —          | —                     | 18                            | 11    | 37        | —      | —   |
| Nav.             | 1          | —                     | 19                            | 12    | 119       | —      | —   |
| Pacific          | 126        | 6                     | 619                           | 263   | 1,161     | 4      | —   |
| Wash.            | 20         | —                     | 126                           | 16    | 491       | —      | —   |
| Oreg.            | —          | 1                     | 117                           | NN    | 67        | 1      | —   |
| Calif.           | 106        | 3                     | 356                           | 211   | 531       | 3      | —   |
| Alaska           | —          | —                     | 15                            | 12    | 1         | —      | —   |
| Hawaii           | —          | 2                     | 5                             | 14    | 61        | —      | —   |
| Guam             | —          | —                     | 3                             | 4     | 2         | —      | —   |
| P.R.             | 3          | —                     | 24                            | 3     | 3         | —      | —   |
| V.I.             | —          | —                     | —                             | 3     | —         | —      | —   |
| C.N.M.I.         | —          | —                     | —                             | 1     | —         | —      | —   |
| American Samoa   | NA         | NA                    | NA                            | NA    | NA        | NA     | NA  |

<sup>a</sup>Imported cases include only those imported from other countries.<sup>b</sup>Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel.

NA: Not Available

NN: Not Notifiable

—: No reported cases

SUMMARY TABLES — 1995

**NOTIFIABLE DISEASES — Reported cases, by geographic division and area,  
United States, 1995 (continued)**

| Area             | Panta- | Rabies |       |       | Rubella |                   |        | Salmonel- | Shigel- |
|------------------|--------|--------|-------|-------|---------|-------------------|--------|-----------|---------|
|                  |        | Animal | Human | RMSF* | Rubella | Cong.<br>syndrome |        |           |         |
| United States    | 64     | 7,811  | 5     | 590   | 126     | 6                 | 45,970 | 32,060    |         |
| New England      | 1      | 1,512  | 1     | 2     | 52      | —                 | 3,355  | 664       |         |
| Maine            | 1      | 101    | —     | —     | —       | —                 | 183    | 25        |         |
| N.H.             | —      | 152    | —     | —     | 1       | —                 | 188    | 71        |         |
| Vt.              | —      | 179    | —     | —     | —       | —                 | 102    | 11        |         |
| Mass.            | —      | 401    | —     | 1     | 11      | —                 | 1,862  | 324       |         |
| R.I.             | —      | 317    | —     | —     | —       | —                 | 221    | 70        |         |
| Conn.            | —      | 362    | 1     | 1     | 40      | —                 | 799    | 163       |         |
| Mid. Atlantic    | 12     | 1,923  | —     | 43    | 16      | 1                 | 8,157  | 3,531     |         |
| N.Y. (excl. NYC) | 5      | 1,157  | —     | 12    | 5       | —                 | 1,912  | 985       |         |
| N.Y.C.           | —      | —      | —     | 6     | 8       | 1                 | 2,159  | 845       |         |
| N.J.             | 1      | 325    | —     | 15    | 3       | —                 | 1,734  | 1,038     |         |
| Pa.              | 6      | 440    | —     | 10    | —       | —                 | 2,352  | 663       |         |
| E.N. Central     | 8      | 113    | —     | 37    | 4       | —                 | 6,203  | 3,299     |         |
| Ohio             | 1      | 12     | —     | 17    | —       | —                 | 1,545  | 598       |         |
| Ind.             | 2      | 24     | —     | 9     | —       | —                 | 701    | 411       |         |
| Ill.             | —      | 16     | —     | 10    | —       | —                 | 2,087  | 1,539     |         |
| Mich.            | 2      | 43     | —     | 1     | 4       | —                 | 950    | 487       |         |
| Wis.             | 3      | 18     | —     | —     | —       | —                 | 920    | 264       |         |
| W.N. Central     | —      | 396    | —     | 41    | 1       | 1                 | 2,602  | 2,560     |         |
| Minn.            | —      | 37     | —     | —     | —       | —                 | 737    | 197       |         |
| Iowa             | —      | 141    | —     | —     | —       | —                 | 433    | 350       |         |
| Mo.              | —      | 30     | —     | 30    | —       | 1                 | 577    | 1,138     |         |
| N. Dak.          | —      | 32     | —     | —     | —       | —                 | 83     | 146       |         |
| S. Dak.          | —      | 105    | —     | 1     | —       | —                 | 108    | 200       |         |
| Nebr.            | —      | 5      | —     | 6     | —       | —                 | 301    | 227       |         |
| Kans.            | —      | 46     | —     | 4     | 1       | —                 | 363    | 302       |         |
| S. Atlantic      | 15     | 2,254  | 1     | 260   | 14      | —                 | 9,981  | 5,896     |         |
| Del.             | —      | 96     | —     | 3     | —       | —                 | 208    | 247       |         |
| Md.              | 2      | 439    | —     | 36    | 1       | —                 | 1,215  | 639       |         |
| D.C.             | —      | 11     | —     | 34    | —       | —                 | 154    | 197       |         |
| Va.              | —      | 459    | —     | 4     | —       | —                 | 1,358  | 412       |         |
| W. Va.           | —      | 116    | —     | —     | —       | —                 | 169    | 59        |         |
| N.C.             | 3      | 466    | —     | 150   | 1       | —                 | 1,176  | 1,008     |         |
| S.C.             | 3      | 125    | —     | 37    | —       | —                 | 633    | 251       |         |
| Ga.              | 5      | 294    | —     | 9     | —       | —                 | 1,662  | 1,358     |         |
| Fla.             | 1      | 248    | 1     | 7     | 12      | —                 | 3,386  | 1,728     |         |
| E.S. Central     | 1      | 265    | —     | 83    | 1       | —                 | 2,022  | 1,575     |         |
| Ky.              | —      | 28     | —     | 16    | —       | —                 | 433    | 332       |         |
| Tenn.            | 1      | 98     | —     | 32    | 1       | —                 | 454    | 400       |         |
| Ala.             | —      | 150    | —     | 3     | —       | —                 | 581    | 510       |         |
| Miss.            | —      | 9      | —     | 32    | NN      | —                 | 554    | 333       |         |
| W.S. Central     | —      | 728    | —     | 86    | 8       | —                 | 3,743  | 3,932     |         |
| Ark.             | —      | 52     | —     | 31    | —       | —                 | 338    | 176       |         |
| La.              | —      | 54     | —     | 2     | —       | —                 | 590    | 485       |         |
| Oklas.           | —      | 32     | —     | 47    | —       | —                 | 452    | 254       |         |
| Tex.             | —      | 580    | —     | 6     | 8       | —                 | 2,263  | 3,017     |         |
| Mountain         | 4      | 192    | —     | 18    | 5       | —                 | 2,198  | 4,638     |         |
| Mont.            | —      | 46     | —     | 5     | —       | —                 | 103    | 286       |         |
| Idaho            | —      | 3      | —     | —     | —       | —                 | 65     | 124       |         |
| Wyo.             | —      | 32     | —     | 5     | —       | —                 | 37     | 15        |         |
| Colo.            | 2      | 16     | —     | 5     | 1       | —                 | 584    | 528       |         |
| N. Mex.          | —      | 6      | —     | —     | —       | —                 | 342    | 1,089     |         |
| Ariz.            | —      | 57     | —     | —     | 3       | —                 | 519    | 1,610     |         |
| Utah             | 1      | 15     | —     | 1     | 1       | —                 | 280    | 764       |         |
| Nev.             | 1      | 17     | —     | —     | —       | —                 | 238    | 122       |         |
| Pacific          | 23     | 498    | 3     | 2     | 27      | 4                 | 7,729  | 6,086     |         |
| Wash.            | 7      | 15     | 1     | 1     | 1       | —                 | 691    | 425       |         |
| Oreg.            | 3      | 4      | —     | 1     | —       | —                 | 344    | 168       |         |
| Calif.           | 13     | 382    | 2     | —     | 21      | 4                 | 6,343  | 5,371     |         |
| Alaska           | —      | 7      | —     | NN    | —       | —                 | 48     | 20        |         |
| Hawaii           | —      | —      | —     | —     | 5       | —                 | 303    | 102       |         |
| Guam             | —      | —      | —     | —     | 1       | —                 | 40     | 19        |         |
| P.R.             | —      | 39     | —     | —     | —       | —                 | 770    | 57        |         |
| V.I.             | —      | —      | —     | —     | —       | —                 | 9      | 6         |         |
| C.N.M.I.         | —      | —      | —     | —     | —       | —                 | 42     | 41        |         |
| American Samoa   | NA     | NA     | NA    | NA    | NA      | NA                | NA     | NA        |         |

\*Rocky Mountain spotted fever.

NA: Not Available  
NN: Not Notifiable  
—: No reported cases

## SUMMARY TABLES — 1995

## NOTIFIABLE DISEASES — Reported cases, by geographic division and area, United States, 1995 (continued)

| Area             | Syphilis*           |                |            | Tetanus | Toxic-shock syndrome | Trichinosis | Tuberculosis† | Typhoid fever |
|------------------|---------------------|----------------|------------|---------|----------------------|-------------|---------------|---------------|
|                  | Primary & secondary | Cong. (<1 yr.) | All stages |         |                      |             |               |               |
| United States    | 16,500              | 1,463          | 68,953     | 41      | 191                  | 29          | 22,860        | 369           |
| New England      | 161                 | 9              | 905        | -       | 7                    | 2           | 574           | 35            |
| Maine            | 2                   | -              | 4          | -       | 1                    | -           | 28            | -             |
| N.H.             | -                   | -              | 32         | -       | -                    | -           | 23            | 1             |
| Vt.              | -                   | -              | -          | -       | 2                    | -           | 4             | -             |
| Mass.            | 69                  | 2              | 505        | -       | -                    | 1           | 330           | 31            |
| R.I.             | 4                   | -              | 50         | -       | 4                    | -           | 60            | 1             |
| Conn.            | 86                  | 7              | 271        | -       | -                    | 1           | 130           | 2             |
| Mid. Atlantic    | 885                 | 415            | 12,236     | 4       | 35                   | 2           | 4,558         | 120           |
| N.Y. (excl. NYC) | 85                  | 45             | 999        | 2       | 20                   | -           | 621           | 12            |
| N.Y.C.           | 364                 | 191            | 7,791      | -       | 4                    | 1           | 2,445         | 66            |
| N.J.             | 188                 | 109            | 1,490      | -       | -                    | 1           | 848           | 27            |
| Pa.              | 248                 | 70             | 1,950      | 2       | 17                   | -           | 674           | 15            |
| E.N. Central     | 2,732               | 202            | 8,257      | 8       | 44                   | 3           | 2,044         | 41            |
| Ohio             | 898                 | 44             | 1,944      | 2       | 8                    | -           | 280           | 5             |
| Ind.             | 321                 | 10             | 880        | 1       | 3                    | 2           | 199           | 3             |
| Ill.             | 1,026               | 121            | 3,649      | 4       | 11                   | -           | 1,024         | 25            |
| Mich.            | 304                 | 21             | 1,204      | 1       | -                    | -           | 424           | 4             |
| Wis.             | 185                 | 6              | 580        | -       | 5                    | 1           | 117           | 4             |
| W.N. Central     | 738                 | 48             | 1,822      | 8       | 34                   | 8           | 618           | 9             |
| Minn.            | 45                  | -              | 187        | 3       | 6                    | -           | 156           | 5             |
| Iowa             | 48                  | -              | 171        | -       | 5                    | 8           | 72            | -             |
| Mo.              | 584                 | 46             | 1,271      | 3       | 14                   | -           | 244           | 3             |
| N. Dak.          | -                   | -              | -          | -       | 1                    | -           | 5             | -             |
| S. Dak.          | -                   | -              | 7          | -       | 1                    | -           | 28            | -             |
| Nebr.            | 14                  | -              | 35         | -       | 5                    | -           | 24            | -             |
| Kans.            | 47                  | 2              | 151        | 2       | 2                    | -           | 89            | 1             |
| S. Atlantic      | 4,212               | 297            | 15,862     | 8       | 24                   | -           | 4,113         | 43            |
| Del.             | 19                  | 1              | 129        | -       | -                    | -           | 56            | 1             |
| Md.              | 479                 | 14             | 1,471      | -       | 2                    | -           | 370           | 6             |
| D.C.             | 112                 | 18             | 727        | -       | -                    | -           | 102           | -             |
| Va.              | 600                 | 22             | 1,587      | -       | 3                    | -           | 359           | 10            |
| W. Va.           | 16                  | -              | 66         | 1       | -                    | -           | 71            | 3             |
| N.C.             | 1,132               | 25             | 3,058      | -       | 7                    | -           | 519           | 5             |
| S.C.             | 570                 | 49             | 1,676      | -       | 4                    | -           | 334           | -             |
| Ga.              | 901                 | 53             | 3,678      | 1       | 1                    | -           | 746           | -             |
| Fla.             | 383                 | 115            | 3,470      | 4       | 7                    | -           | 1,558         | 18            |
| E.S. Central     | 3,065               | 133            | 9,298      | 1       | 7                    | -           | 1,483         | 2             |
| Ky.              | 185                 | 8              | 502        | -       | 2                    | -           | 327           | -             |
| Tenn.            | 906                 | 33             | 2,608      | 1       | 5                    | -           | 465           | 1             |
| Ala.             | 612                 | 10             | 1,639      | -       | -                    | -           | 420           | 1             |
| Miss.            | 1,952               | 82             | 4,549      | -       | NN                   | -           | 271           | -             |
| W.S. Central     | 3,273               | 228            | 13,423     | 5       | 1                    | -           | 3,353         | 24            |
| Ark.             | 495                 | 4              | 1,245      | -       | 1                    | -           | 271           | 1             |
| La.              | 1,024               | 17             | 3,675      | 2       | -                    | -           | 476           | 1             |
| Oklahoma         | 197                 | 13             | 585        | -       | -                    | -           | 237           | 1             |
| Tex.             | 1,557               | 194            | 7,918      | 3       | -                    | -           | 2,369         | 21            |
| Mountain         | 204                 | 12             | 1,129      | 3       | 10                   | 11          | 702           | 5             |
| Mont.            | 4                   | -              | 13         | -       | -                    | -           | 21            | -             |
| Idaho            | -                   | -              | 12         | -       | 2                    | 9           | 14            | -             |
| Wyo.             | 1                   | -              | 2          | -       | 1                    | 2           | 5             | -             |
| Colo.            | 100                 | 2              | 304        | 2       | 3                    | -           | 96            | -             |
| N. Mex.          | 13                  | -              | 138        | -       | 1                    | -           | 85            | -             |
| Ariz.            | 46                  | 8              | 415        | -       | -                    | -           | 319           | 5             |
| Utah             | 4                   | -              | 50         | -       | 3                    | -           | 48            | -             |
| Nev.             | 36                  | 2              | 195        | 1       | -                    | -           | 115           | -             |
| Pacific          | 646                 | 119            | 6,027      | 6       | 29                   | 3           | 5,385         | 90            |
| Wash.            | 17                  | 2              | 212        | -       | 1                    | -           | 276           | 4             |
| Oreg.            | 5                   | -              | 67         | -       | -                    | -           | 156           | 4             |
| Calif.           | 616                 | 117            | 5,703      | 5       | 28                   | 3           | 4,677         | 75            |
| Alaska           | 2                   | -              | 20         | -       | -                    | -           | 81            | -             |
| Hawaii           | -                   | -              | 25         | 1       | -                    | -           | 193           | 7             |
| Guam             | -                   | -              | 6          | 1       | -                    | -           | NA            | 1             |
| P.R.             | 285                 | 3              | 1,608      | -       | -                    | -           | 263           | 3             |
| V.I.             | 2                   | -              | 19         | -       | -                    | -           | 4             | -             |
| C.N.M.I.         | NA                  | NA             | NA         | 1       | -                    | -           | 37            | 96            |
| American Samoa   | NA                  | NA             | NA         | NA      | NA                   | NA          | NA            | NA            |

\*Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996.

NA: Not Available

†Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 29, 1996.

NN: Not Notifiable

—: No reported cases

SUMMARY TABLES — 1995

**NOTIFIABLE DISEASES — Summary of reported cases, by age group,\* United States, 1995**

| Name   | Total   | ≤5 (Rate)      | 5-14 (Rate)   | 15-24 (Rate)     | 25-44 (Rate)     | 45-64 (Rate)   | 65+ (Rate)    | Age not stated |
|--|---------|----------------|---------------|------------------|------------------|----------------|---------------|----------------|
| AIDS <sup>†</sup>                                | 71,547  | 565 (2.82)     | 264 (0.71)    | 2,666 (7.51)     | 53,460 (65.29)   | 13,764 (27.78) | 838 (2.56)    | -              |
| Botulism, total                                  | 97      | 95 (0.82)      | 4 (0.01)      | 2 (0.01)         | 20 (12.02)       | 12 (0.02)      | 1 (0.00)      | 2              |
| Brucellosis                                      | 98      | 4 (0.02)       | 11 (0.03)     | 17 (0.05)        | 44 (0.05)        | 13 (0.03)      | 9 (0.03)      | -              |
| Cholera  | 23      | 3 (0.02)       | -             | -                | 1 (0.00)         | 4 (0.00)       | 1 (0.02)      | 3 (0.01)       |
| Escherichia coli O157:H7                         | 444     | 2 (0.73)       | 503 (1.66)    | 264 (0.91)       | 314 (0.47)       | 280 (0.72)     | 266 (1.00)    | 1              |
| Gonorrhea <sup>‡</sup>                           | 395,493 | 1 (-)          | 8,076 (21.80) | 228,898 (645.01) | 132,988 (364.01) | 11,046 (22.28) | 3,487 (10.54) | 9,271          |
| Haemophilus influenzae, invasive                 | 1,180   | 290 (1.47)     | 66 (0.18)     | 41 (0.12)        | 135 (0.16)       | 203 (0.41)     | 427 (1.30)    | 18             |
| Hansen disease (leprosy)                         | 144     | (-)            | 4 (0.01)      | 19 (0.05)        | 40 (0.05)        | 36 (0.07)      | 25 (0.08)     | 20             |
| Hepatitis A                                      | 31,582  | 2,033 (10.42)  | 6,666 (17.98) | 3,882 (18.00)    | 12,160 (14.85)   | 2,801 (5.65)   | 1,042 (3.18)  | 478            |
| Hepatitis A                                      | 81      | 0 (0.00)       | 212 (0.58)    | 2,060 (5.88)     | 6,018 (7.42)     | 1,707 (3.48)   | 441 (1.36)    | 286            |
| Hepatitis B                                      | 50      | 0 (0.00)       | 32 (0.09)     | 264 (0.79)       | 2,973 (3.68)     | 920 (1.88)     | 251 (0.77)    | 86             |
| Hepatitis, Chon-A non-B                          | 4,575   | 50 (0.26)      | 30 (0.09)     | 30 (0.09)        | 255 (0.32)       | 387 (0.81)     | 618 (1.60)    | 27             |
| Legionnaires                                     | 1,241   | 4 (0.02)       | 10 (0.03)     | 30 (0.09)        | 1,213 (0.32)     | 397 (0.97)     | 1,608 (4.30)  | 146            |
| Lyme disease                                     | 11,700  | 889 (3.55)     | 1,997 (5.39)  | 994 (2.80)       | 3,213 (3.92)     | 3,043 (6.14)   | 1,608 (4.30)  | 146            |
| Malaria  | 1,419   | 58 (0.48)      | 59 (0.39)     | 247 (0.70)       | 590 (0.75)       | 224 (0.45)     | 58 (0.18)     | 61             |
| Measles (rubella)                                | 107     | 54 (0.51)      | 48 (0.13)     | 45 (0.13)        | 74 (0.09)        | 16 (0.03)      | -             | 19             |
| Meningooccal disease                             | 3,243   | 1,053 (5.55)   | 518 (1.40)    | 606 (1.71)       | 347 (0.42)       | 298 (0.60)     | 346 (1.26)    | 34             |
| Mumps  | 906     | 185 (0.85)     | 418 (1.16)    | 117 (0.34)       | 138 (0.17)       | 41 (0.08)      | 6 (0.02)      | 21             |
| Pertussis (whooping cough)                       | 5,137   | 2,743 (13.87)  | 1,246 (3.38)  | 405 (1.14)       | 518 (0.63)       | 160 (0.32)     | 41 (0.13)     | 36             |
| Pneumonia  | 9       | 1 (-)          | 1 (0.00)      | 1 (0.00)         | 4 (0.00)         | 2 (0.00)       | 1 (0.00)      | -              |
| Poliomyelitis, paralytic <sup>§</sup>            | 2       | 2 (0.01)       | 1 (0.00)      | 1 (0.00)         | 1 (0.00)         | 1 (0.00)       | 1 (0.00)      | 3              |
| Poitacosis                                       | 64      | 2 (0.01)       | 2 (0.00)      | 8 (0.02)         | 27 (0.03)        | 20 (0.04)      | 3 (0.01)      | 3              |
| Rabies, human                                    | 5       | 1 (0.00)       | 1 (0.00)      | 1 (0.00)         | 2 (0.00)         | 1 (0.00)       | -             | -              |
| Rocky Mountain spotted fever                     | 690     | 47 (0.24)      | 112 (0.30)    | 80 (0.17)        | 206 (0.26)       | 109 (0.22)     | 49 (0.16)     | 7              |
| Salmonellosis (German measles)                   | 128     | 9 (0.05)       | 10 (0.03)     | 28 (0.07)        | 66 (0.08)        | 14 (0.03)      | 1 (0.00)      | 2              |
| Shigellosis                                      | 45,970  | 12,177 (61.80) | 4,477 (12.08) | 4,002 (11.29)    | 9,145 (11.17)    | 4,701 (9.49)   | 3,978 (12.13) | 7,480          |
| Tuberculosis, primary and secondary <sup>¶</sup> | 32,080  | 9,130 (46.33)  | 2,368 (20.05) | 2,368 (6.68)     | 5,074 (6.20)     | 1,384 (2.49)   | 639 (1.95)    | 6,076          |
| Tetanus  | 16,501  | 1 (-)          | 114 (0.31)    | 4,860 (13.71)    | 9,647 (11.79)    | 1,655 (3.34)   | 187 (0.57)    | 11             |
| Toxic-shock syndrome                             | 41      | 2 (0.01)       | 1 (0.00)      | 2 (0.01)         | 20 (0.02)        | 6 (0.01)       | 10 (0.03)     | -              |
| Trichinosis                                      | 191     | 8 (0.04)       | 33 (0.09)     | 39 (0.11)        | 74 (0.08)        | 23 (0.05)      | 6 (0.02)      | 7              |
| Tuberculosis <sup>**</sup>                       | 22,860  | 763 (3.97)     | 645 (1.74)    | 1,703 (4.80)     | 8,241 (10.06)    | 5,998 (12.10)  | 5,337 (16.78) | 163            |
| Typhoid fever                                    | 369     | 43 (0.22)      | 78 (0.31)     | 84 (0.24)        | 132 (0.18)       | 19 (0.24)      | 12 (0.04)     | 1              |

\*July 1, 1993, post-censal population estimates were used to calculate incidence rates per 100,000 population.

<sup>†</sup>The total number of acquired immunodeficiency syndrome (AIDS) cases include all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP) through December 31, 1995.

<sup>‡</sup>Age-related data are collected on aggregate forms different from those used for the number of reported cases. Therefore, the total cases reported in this table may differ slightly from other tables. Cases among persons ages >5 years are not shown because some of these may not be caused by sexual transmission; these cases are, however, included in the total. Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996. Age data for 1995 are unavailable for chancroid and chlamydia.

<sup>§</sup>Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel.

<sup>¶</sup>Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 29, 1996.

## SUMMARY TABLES — 1995

### NOTIFIABLE DISEASES — Summary of reported cases, by sex,\* United States, 1995

| NAME   | Total   | Male<br>(Rate)   | Female<br>(Rate) | Sex<br>not<br>stated |        |
|--|---------|------------------|------------------|----------------------|--------|
|  |         |                  |                  | Male                 | Female |
| AIDS   | 71,547  | 56,007 (46.56)   | 13,540 (10.27)   | -                    | -      |
| Bouliam, total                                 | 97      | 46 (0.04)        | 51 (0.04)        | -                    | -      |
| Burcellosis                                    | 98      | 69 (0.05)        | 39 (0.03)        | -                    | -      |
| Chancroid                                      | 606     | 443 (0.36)       | 160 (0.12)       | 3                    | -      |
| Chlamydia <sup>†</sup>                         | 477,638 | -                | 383,956 (280.29) | 1                    | -      |
| Cholera  | 2,139   | 9 (0.01)         | 13 (0.01)        | 1                    | -      |
| <i>Escherichia coli</i> O167:H7                | 2,139   | 970 (0.95)       | 1,144 (1.06)     | 25                   | -      |
| Gonorrhea <sup>‡</sup>                         | 392,848 | 203,563 (156.64) | 188,650 (140.32) | 635                  | -      |
| Haemophilus influenzae, invasive               | 1,180   | 575 (0.46)       | 602 (0.46)       | 3                    | -      |
| Hansen disease (leprosy)                       | 144     | 85 (0.07)        | 40 (0.03)        | 19                   | -      |
| Hepatitis A                                    | 31,582  | 17,488 (14.04)   | 13,943 (10.58)   | 151                  | -      |
| Hepatitis B                                    | 10,805  | 6,448 (5.23)     | 4,286 (3.29)     | 71                   | -      |
| Hepatitis, Chon A, non-B                       | 5,476   | 2,848 (2.31)     | 1,686 (1.30)     | 32                   | -      |
| Legionellosis                                  | 1,244   | 706 (0.57)       | 529 (0.41)       | 6                    | -      |
| Lyme disease                                   | 11,700  | 5,890 (4.73)     | 5,722 (4.36)     | 38                   | -      |
| Malaria  | 1,419   | 863 (0.69)       | 519 (0.39)       | 37                   | -      |
| Molluscum (rubella)                            | 3,209   | 1,333 (0.11)     | 1,04 (0.12)      | 22                   | -      |
| Meningococcal disease                          | 3,243   | 1,068 (1.76)     | 1,542 (1.17)     | 13                   | -      |
| Mumps  | 906     | 480 (0.39)       | 411 (0.32)       | 15                   | -      |
| Pertussis (whooping cough)                     | 5,137   | 2,421 (1.94)     | 2,707 (2.05)     | 9                    | -      |
| Plague   | 9       | 4 (0.00)         | 5 (0.00)         | -                    | -      |
| Poliomyelitis, paralytic**                     | 2       | 2 (0.00)         | - (0.00)         | -                    | -      |
| Pitักษոս                                       | 64      | 26 (0.02)        | 36 (0.03)        | -                    | -      |
| Rabies, human                                  | 5       | 3 (0.00)         | 2 (0.00)         | -                    | -      |
| Rocky Mountain spotted fever                   | 590     | 322 (0.26)       | 286 (0.20)       | 2                    | -      |
| Rubella (German measles)                       | 128     | 63 (0.05)        | 63 (0.05)        | 2                    | -      |
| Rubella, congenital syndrome                   | 6       | 2 (0.00)         | 4 (0.00)         | -                    | -      |
| Salmonellosis                                  | 45,970  | 19,093 (15.32)   | 20,084 (15.23)   | 6,793                | -      |
| Sigilliosis                                    | 32,080  | 11,955 (9.60)    | 14,523 (11.02)   | 5,602                | -      |
| Spirocheta, primary and secondary <sup>§</sup> | 16,500  | 8,731 (6.80)     | 7,768 (5.79)     | 1                    | -      |
| Tetanus  | 41      | 27 (0.02)        | 14 (0.01)        | -                    | -      |
| Toxic-shock syndrome                           | 191     | 64 (0.04)        | 13 (0.01)        | 6                    | -      |
| Trichinosis <sup>¶</sup>                       | 29      | 19 (0.02)        | 1 (0.01)         | 1                    | -      |
| Tuberculosis <sup>  </sup>                     | 22,860  | 14,494 (11.63)   | 8,348 (6.38)     | 18                   | -      |
| Typhoid fever                                  | 369     | 207 (0.17)       | 180 (0.12)       | 2                    | -      |

\* July 1, 1993, post-censal population estimates are used to calculate rates. Rates are reported per 100,000 population.

<sup>†</sup>The total number of acquired immunodeficiency syndrome (AIDS) cases includes all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP) through December 31, 1995.

<sup>‡</sup> Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996.

<sup>§</sup> Chlamydia refers to genital infections caused by *C. trachomatis*. The rates for men are not presented, as reporting on men is much more limited than on women.

<sup>\*\*</sup> Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel.

<sup>¶</sup> Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 29, 1996.

SUMMARY TABLES — 1995

**NOTIFIABLE DISEASES — Summary of reported cases, by race, United States, 1995**

| Name                             | American Indian or Alaska Native | Asian or Pacific Islander (%) | Black (%)    | White (%)   | Other (%)   | Race not stated (%)       |
|----------------------------------|----------------------------------|-------------------------------|--------------|-------------|-------------|---------------------------|
| Total                            | 238                              | (<1)                          | 29,326 (41)  | 29,715 (42) | -           | 11,712 <sup>1</sup> (16)  |
| AIDS*                            | 71,547                           | 5                             | 566 (1)      | 53 (5)      | 32 (3)      | 32 (3)                    |
| Boutillier, total                | 98                               | -                             | -            | 53 (5)      | 44 (45)     | 11 (11)                   |
| Brucellosis                      | 23                               | -                             | 2 (9)        | 4 (4)       | 10 (48)     | 1 (1)                     |
| Cholera                          | 2,139                            | -                             | 18 (1)       | 62 (3)      | 1,224 (57)  | 4 (<1)                    |
| Escherichia coli O157:H7         | 395,993                          | 1,472 (1)                     | 240,852 (61) | 42,188 (11) | 820 (39)    | 109,631 <sup>1</sup> (28) |
| Gonorrhoea                       | 1,180                            | 115                           | 15 (1)       | 144 (12)    | 786 (8)     | 3 (<1)                    |
| Haemophilus influenzae, invasive | 1,444                            | -                             | 43 (30)      | 7 (5)       | 39 (27)     | 1 (1)                     |
| Hansen disease (leprosy)         | 31,682                           | 1,375 (4)                     | 428 (1)      | 3,066 (10)  | 18,987 (60) | 61 (<1)                   |
| Hepatitis A                      | 10,805                           | 100 (1)                       | 710 (7)      | 3,934 (22)  | 4,772 (44)  | 25 (<1)                   |
| Hepatitis B                      | 4,576                            | 465 (1)                       | 318 (1)      | 542 (12)    | 1,758 (39)  | 3 (<1)                    |
| Hepatitis, Chiron-A non-B        | 1,241                            | 2 (<1)                        | 10 (1)       | 108 (9)     | 852 (89)    | 2 (<1)                    |
| Legionellosis                    | 11,700                           | 22 (<1)                       | 83 (1)       | 204 (2)     | 8,946 (76)  | -                         |
| Lyme disease                     | 14,119                           | 5 (<1)                        | 225 (16)     | 444 (31)    | 3,367 (28)  | 28 (2)                    |
| Malaria                          | 309                              | 8 (3)                         | 10 (3)       | 13 (4)      | 170 (56)    | -                         |
| Measles (rubella)                | 3,243                            | 42 (1)                        | 29 (1)       | 503 (16)    | 2,152 (66)  | 4 (<1)                    |
| Meningococcal disease            | 906                              | 8 (1)                         | 33 (4)       | 73 (8)      | 403 (44)    | 3 (<1)                    |
| Mumps                            | 5,137                            | 56 (1)                        | 62 (1)       | 314 (6)     | 2,780 (54)  | 2 (<1)                    |
| Pertussis (whooping cough)       | 9                                | 2 (22)                        | -            | -           | 6 (67)      | 1 (11)                    |
| Plague                           | 2                                | -                             | -            | -           | 2 (100)     | -                         |
| Poliomyelitis, paralytic†        | 2                                | -                             | -            | -           | -           | -                         |
| Pottacosis                       | 64                               | -                             | -            | 2 (3)       | 46 (63)     | 22 (34)                   |
| Rabies, human                    | 5                                | -                             | -            | -           | 4 (80)      | 1 (20)                    |
| Rocky Mountain spotted fever     | 680                              | 11                            | 4 (1)        | 33 (6)      | 450 (76)    | 92 (16)                   |
| Rubella (German measles)         | 128                              | -                             | 10 (8)       | 7 (6)       | 87 (66)     | -                         |
| Rubella, congenital syndrome     | 6                                | -                             | -            | -           | 2 (33)      | 24 (16)                   |
| Salmonellosis                    | 45,970                           | 217 (<1)                      | 886 (1)      | 3,817 (6)   | 20,875 (45) | 34 (<1)                   |
| Shigellosis                      | 32,080                           | 2,031 (6)                     | 166 (1)      | 4,153 (13)  | 12,826 (40) | 13 (<1)                   |
| Syphilis, primary and secondary‡ | 16,501                           | 47 (<1)                       | 54 (<1)      | 13,974 (85) | 1,487 (9)   | -                         |
| Tetanus                          | 41                               | 1 (2)                         | 1 (2)        | 1 (2)       | 31 (76)     | 7 (17)                    |
| Toxic-shock syndrome             | 181                              | 1 (1)                         | 3 (2)        | 1 (6)       | 140 (73)    | -                         |
| Trichinosis                      | 29                               | -                             | -            | -           | 10 (34)     | -                         |
| Tuberculosis**                   | 22,860                           | 327 (1)                       | 4,035 (18)   | 7,766 (34)  | 10,406 (40) | -                         |
| Typhoid fever                    | 369                              | 2 (1)                         | 107 (29)     | 32 (9)      | 71 (19)     | 12 (3)                    |

\*The total number of acquired immunodeficiency syndrome (AIDS) includes all cases reported through December 31, 1985.

†Includes cases originally reported as Hispanic: 11,577 for AIDS; 16,447 for gonorrhoea; and 686 for syphilis, primary and secondary.

‡Race data are collected on aggregate forms different from those used for numbers of reported cases. Thus, the total number of cases reported on this table may differ slightly from other tables. Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996. Race data for 1995 are unavailable for chancroid and chlamydia.

§Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel. \*\*Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 29, 1996.

## NOTIFIABLE DISEASES — Summary of reported cases, by ethnicity, United States, 1995

| NAME                             | Total  | Hispanic (%)   | Non-Hispanic (%) | Ethnicity  |       |
|----------------------------------|--------|----------------|------------------|------------|-------|
|                                  |        |                |                  | not stated | (%)   |
| AIDS*                            | 71,547 | 11,577<br>(16) | 59,041<br>(83)   | 928†       | (1)   |
| Boutillism, total                | 97     | 14<br>(14)     | 53<br>(55)       | 30         | (31)  |
| Brucellosis                      | 98     | 57<br>(58)     | 23<br>(23)       | 11         | (11)  |
| Cholera                          | 23     | 14<br>(61)     | 7<br>(30)        | 2          | (9)   |
| <i>Escherichia coli</i> O157:H7  | 395    | 16,447<br>(42) | 1,090<br>(51)    | 989        | (47)  |
| Gonorrhea‡                       | 1,180  | 70<br>(6)      | 283,086<br>(72)  | 95,961†    | (24)  |
| Hemophilus influenzae            | 144    | 42<br>(29)     | 710<br>(60)      | 400        | (34)  |
| Hansen disease (leprosy)         | 31,582 | 5,051<br>(16)  | 68<br>(47)       | 34         | (24)  |
| Hepatitis A                      | 10,805 | 1,074<br>(10)  | 17,473<br>(85)   | 9,058      | (29)  |
| Hepatitis B                      | 4,576  | 281<br>(6)     | 5,767<br>(53)    | 3,984      | (54)  |
| Hepatitis, C/Non-A non-B         | 1,241  | 21<br>(2)      | 1,829<br>(40)    | 2,486      | (54)  |
| Legionellosis                    | 11,700 | 200<br>(2)     | 717<br>(58)      | 503        | (41)  |
| Lyme disease                     | 1,419  | 126<br>(9)     | 6,129<br>(52)    | 5,371      | (46)  |
| Malaria                          | 309    | 56<br>(18)     | 856<br>(60)      | 437        | (31)  |
| Measles (rubella)                | 3,243  | 343<br>(11)    | 147<br>(40)      | 106        | (34)  |
| Meningococcal disease            | 996    | 139<br>(15)    | 1,985<br>(62)    | 905        | (28)  |
| Mumps                            | 5,137  | 378<br>(7)     | 2,343<br>(58)    | 424        | (47)  |
| Pertussis (whooping cough)       | 8      | 1<br>(11)      | 2,286<br>(56)    | 2,385      | (47)  |
| Pestilence                       | 2      | —              | 7<br>(78)        | 1          | (11)  |
| Poliomyelitis, paralytic§        | 84     | 2<br>(3)       | 40<br>(40)       | —          | (100) |
| Pottacosa                        | 5      | 2<br>(40)      | 2<br>(40)        | 22         | (34)  |
| Rabies, human                    | 580    | 10<br>(2)      | 339<br>(67)      | 140        | (20)  |
| Rocky Mountain spotted fever     | 128    | 60<br>(47)     | 48<br>(38)       | 241        | (41)  |
| Rubella (German measles)         | 6      | 5<br>(83)      | 1<br>(17)        | 20         | (16)  |
| Rubella, congenital syndrome     | 45,970 | 2,937<br>(6)   | 18,124<br>(39)   | 24,909     | (54)  |
| Salmonellosis                    | 32,080 | 3,673<br>(11)  | 12,575<br>(39)   | 15,832†    | (49)  |
| Syphilis, primary and secondary¶ | 16,501 | 686<br>(4)     | 15,461<br>(84)   | 384        | (2)   |
| Tetanus                          | 41     | 6<br>(15)      | 23<br>(56)       | 12         | (29)  |
| Toxic-shock syndrome             | 191    | 7<br>(4)       | 121<br>(63)      | 63         | (33)  |
| Trichinosis                      | 29     | 3<br>(10)      | 6<br>(21)        | 20         | (69)  |
| Tuberculosis**                   | 22,860 | 4,847<br>(21)  | 17,872<br>(78)   | 141        | (1)   |
| Typhoid fever                    | 369    | 86<br>(23)     | 178<br>(48)      | 105        | (28)  |

\*The total number of acquired immunodeficiency syndrome (AIDS) cases includes all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP) through December 31, 1995.

†Ethnicity is not stated and includes cases originally reported as American Indian or Alaskan Native and Asian or Pacific Islander.

‡Ethnicity data are collected on aggregate forms different from those used for numbers of reported cases. Thus, the total number of cases reported on this table may differ slightly from other tables. Cases were updated through the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of March 1, 1996. Ethnicity data for 1995 are unavailable for chancroid and chlamydia.

§Seven additional suspected cases of paralytic poliomyelitis were reported in 1995. Confirmation of these cases is pending review by an external panel.

¶Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 29, 1996.



# PART 2:

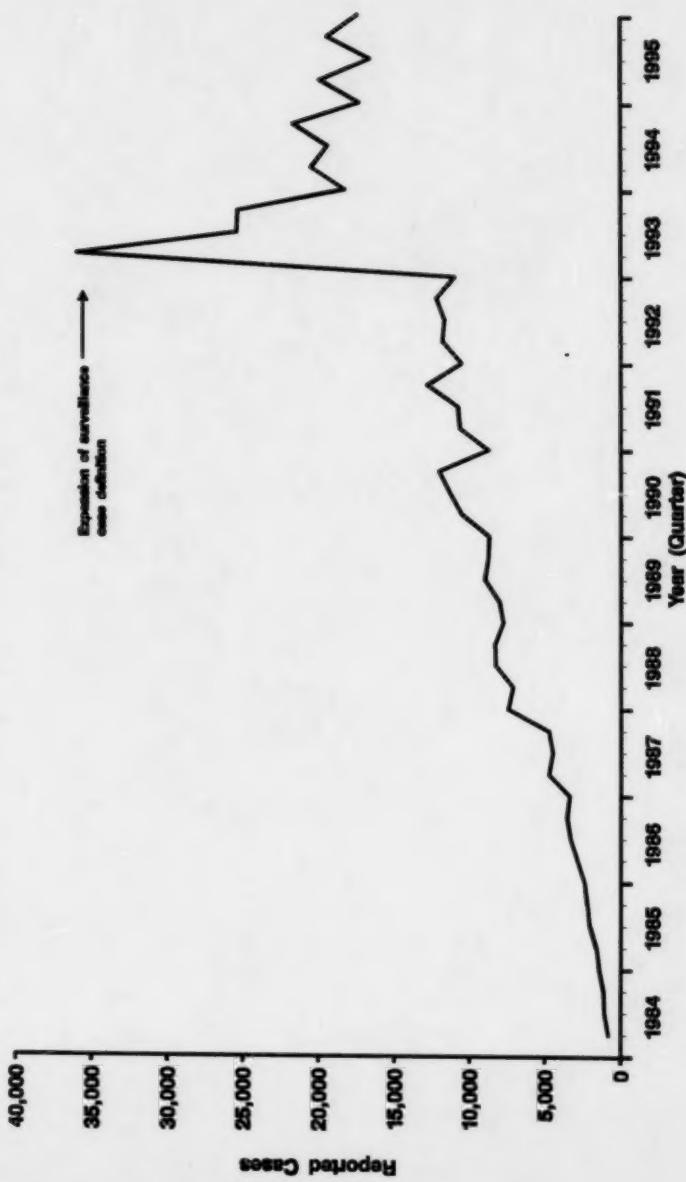
## **Graphs and Maps for Selected Notifiable Diseases in the United States**

### **EXPLANATION OF SYMBOLS USED IN TABLES, GRAPHS, AND MAPS**

|   |    |
|---|----|
| Data not available.....   | NA |
| Report of disease is not required<br>in that jurisdiction<br>(not notifiable) ..... | NN |
| No reported cases .....   | -  |



## ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported cases, by quarter, United States,\* 1984–1995

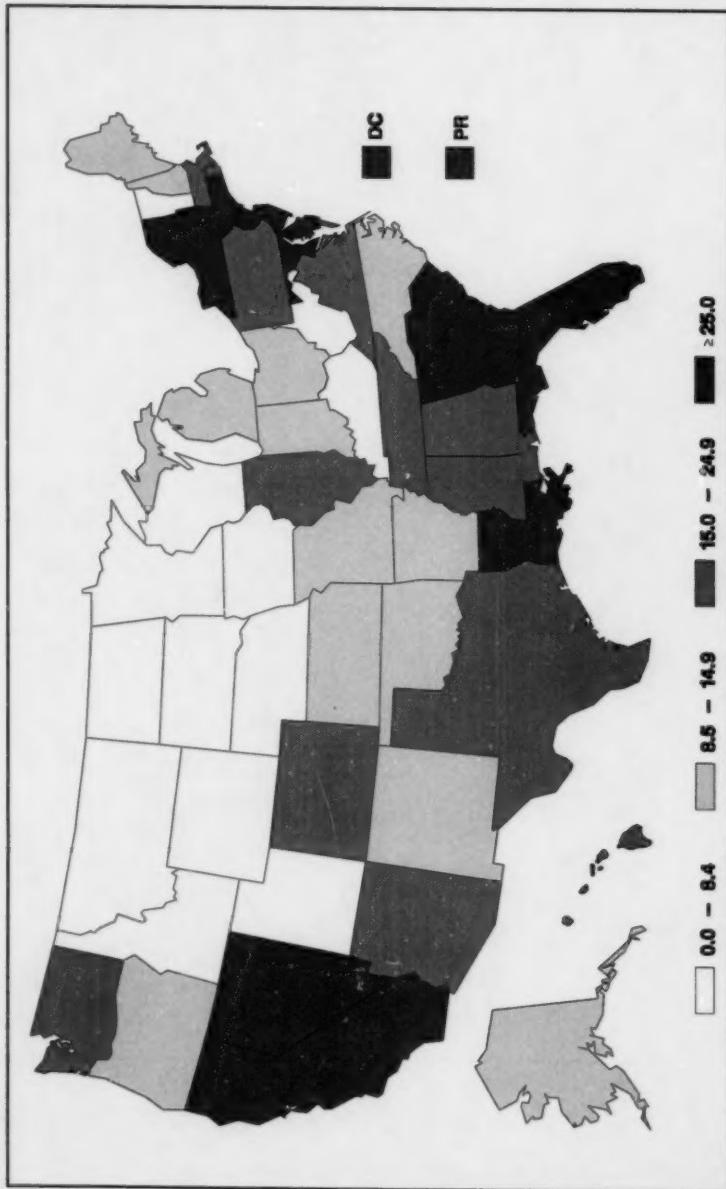


\* Includes Guam, Puerto Rico, the U.S. Pacific Islands, and the U.S. Virgin Islands.

The number of AIDS cases reported during 1995 was lower than the number reported in 1994 or in 1993. This decrease reflects the waning effect of the expansion, in 1993, of the AIDS case definition used for surveillance.

## GRAPHS AND MAPS

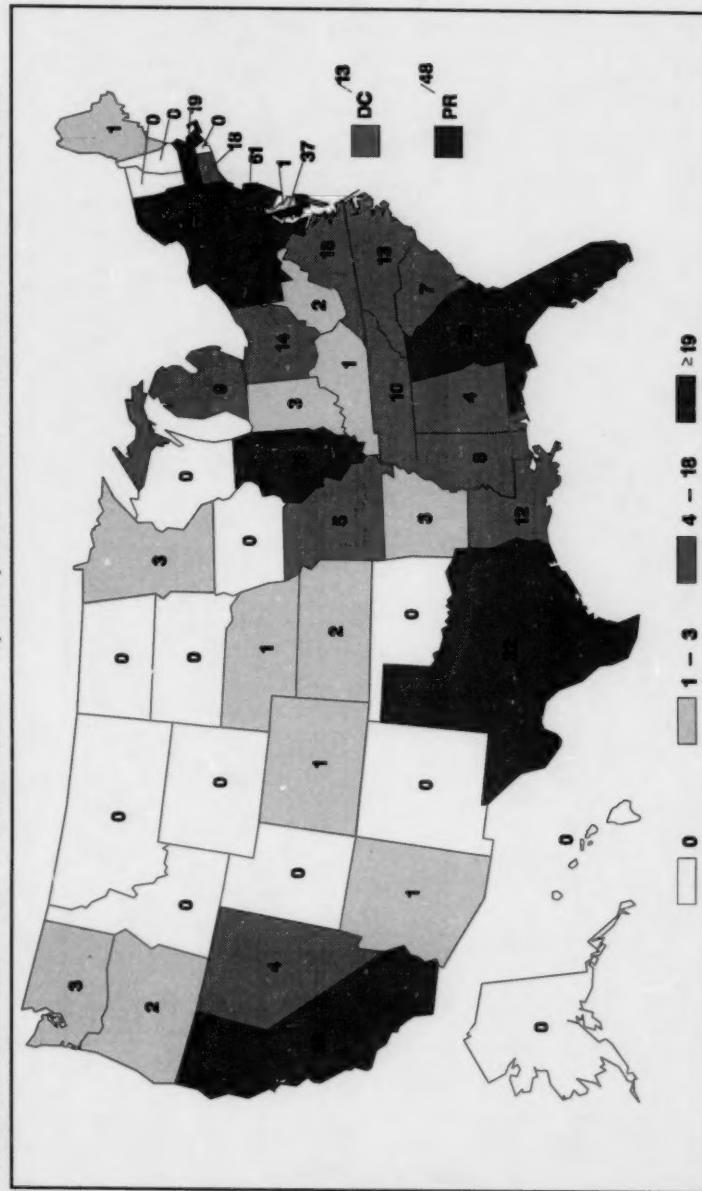
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported cases, per 100,000 population, United States and Puerto Rico, 1995\*



\*The denominator for Puerto Rico is based on extrapolations from U.S. Bureau of Census population data from 1990 and 1992 post-censal estimates. In 1995, the highest rates of AIDS cases per 100,000 were reported in the northeastern, southeastern, and western states. Eighty-two percent (82%) of reported AIDS cases occurred among residents of large metropolitan areas (i.e., areas of 250,000 persons).

## GRAPHS AND MAPS

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported pediatric cases,\* United States and Puerto Rico, 1995

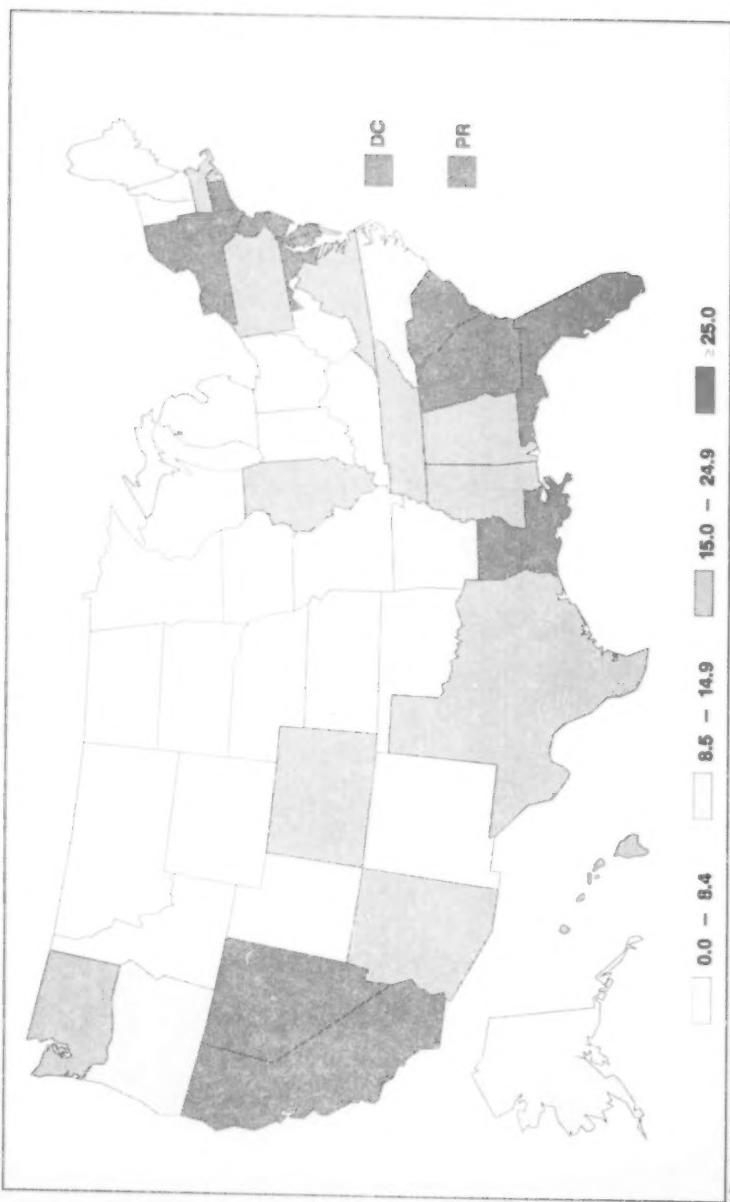


\*Children and adolescents <13 years of age.

In 1995, the highest numbers of reported pediatric AIDS cases originated in states that had the highest rates of reported AIDS cases (refer to the preceding figure).

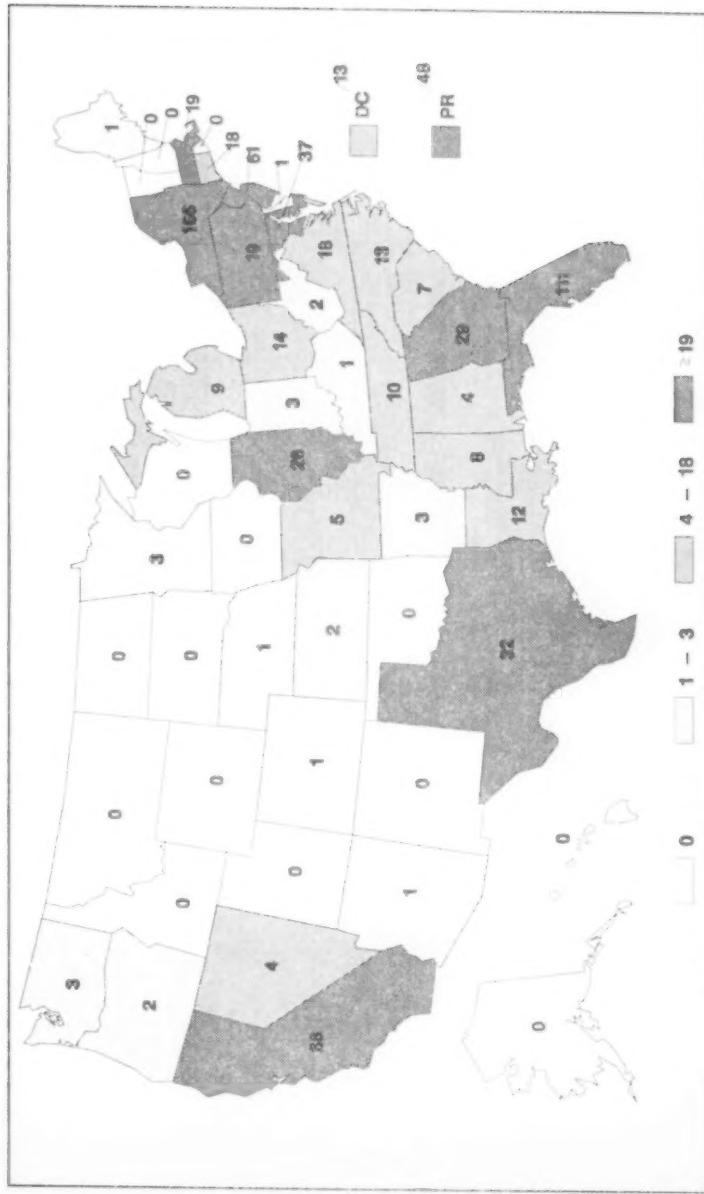
## GRAPHS AND MAPS

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported cases, per 100,000 population, United States and Puerto Rico, 1995\*



\*The denominator for Puerto Rico is based on extrapolations from U.S. Bureau of Census population data from 1990 and 1992 post-censal estimates. In 1995, the highest rates of AIDS cases per 100,000 were reported in the northeastern, southeastern, and western states. Eighty-two percent (82%) of reported AIDS cases occurred among residents of large metropolitan areas (i.e., areas of ≥500,000 persons).

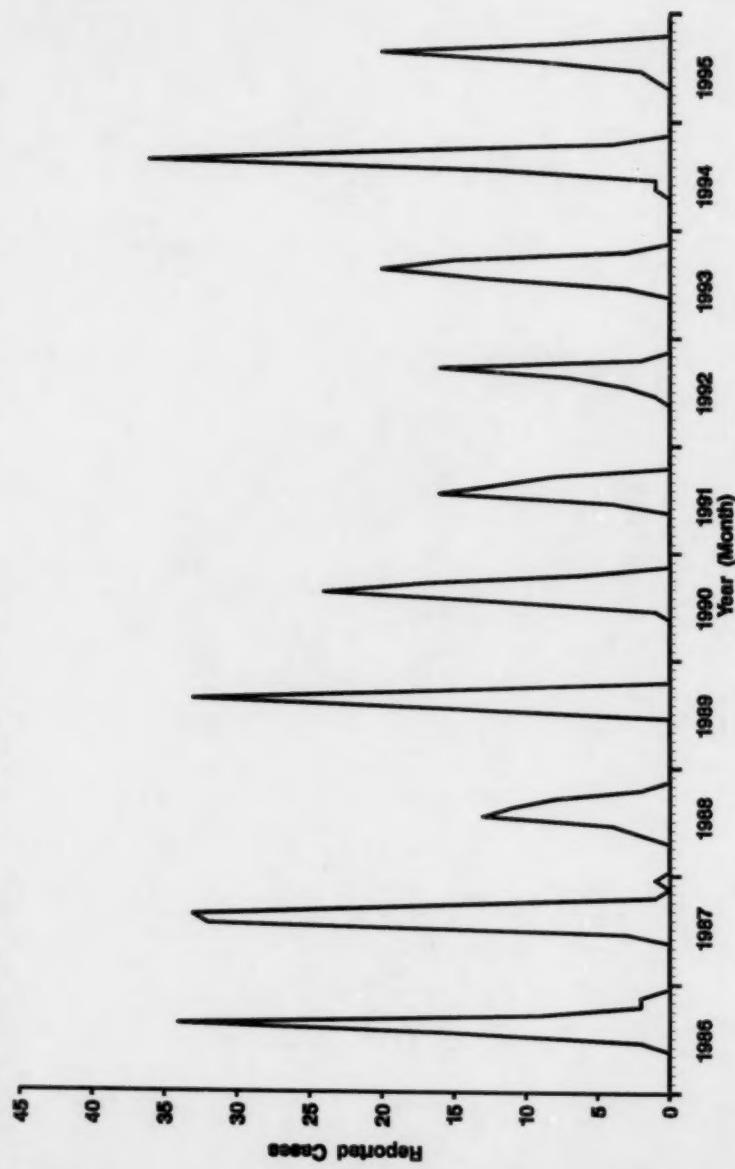
**ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported pediatric cases,\* United States and Puerto Rico, 1995**



\*Children and adolescents <13 years of age.

In 1995, the highest numbers of reported pediatric AIDS cases originated in states that had the highest rates of reported AIDS cases (refer to the preceding figure).

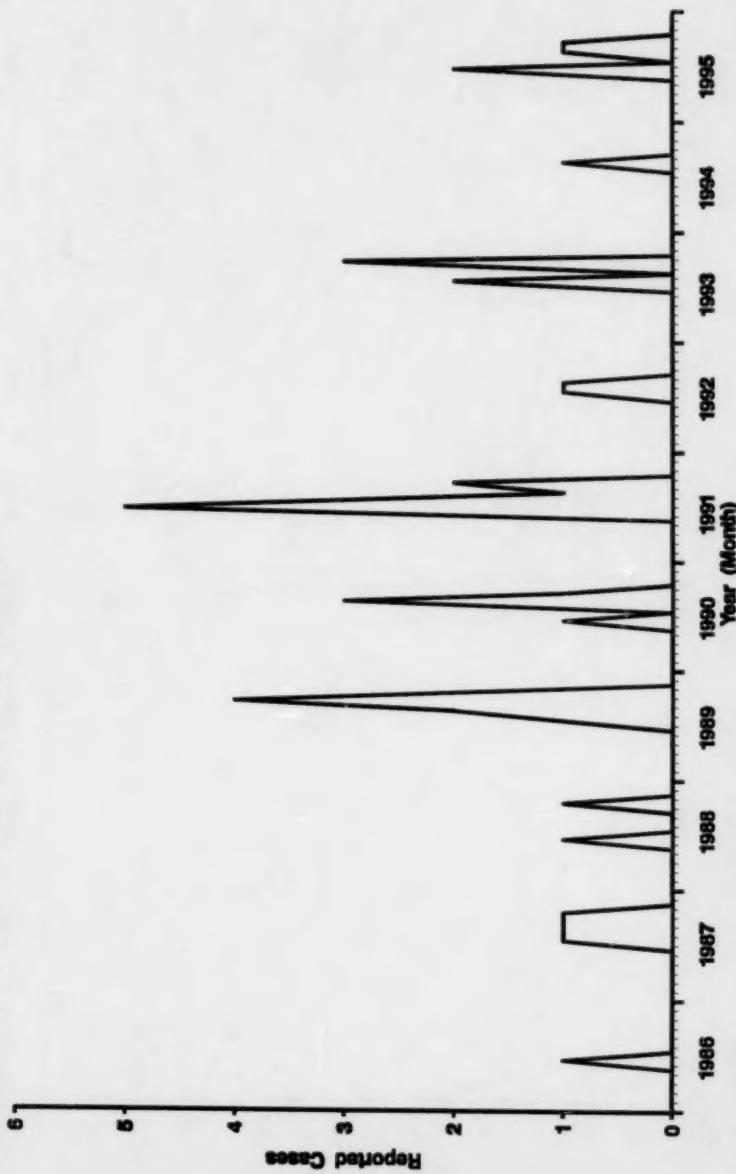
ARBOVIRAL INFECTIONS (of the central nervous system) — reported laboratory-confirmed cases caused by California serogroup viruses, by month of onset, United States, 1986–1995



California serogroup viruses consistently produce cases of primary pediatric clinical encephalitis in various areas of the eastern United States.

## GRAPHS AND MAPS

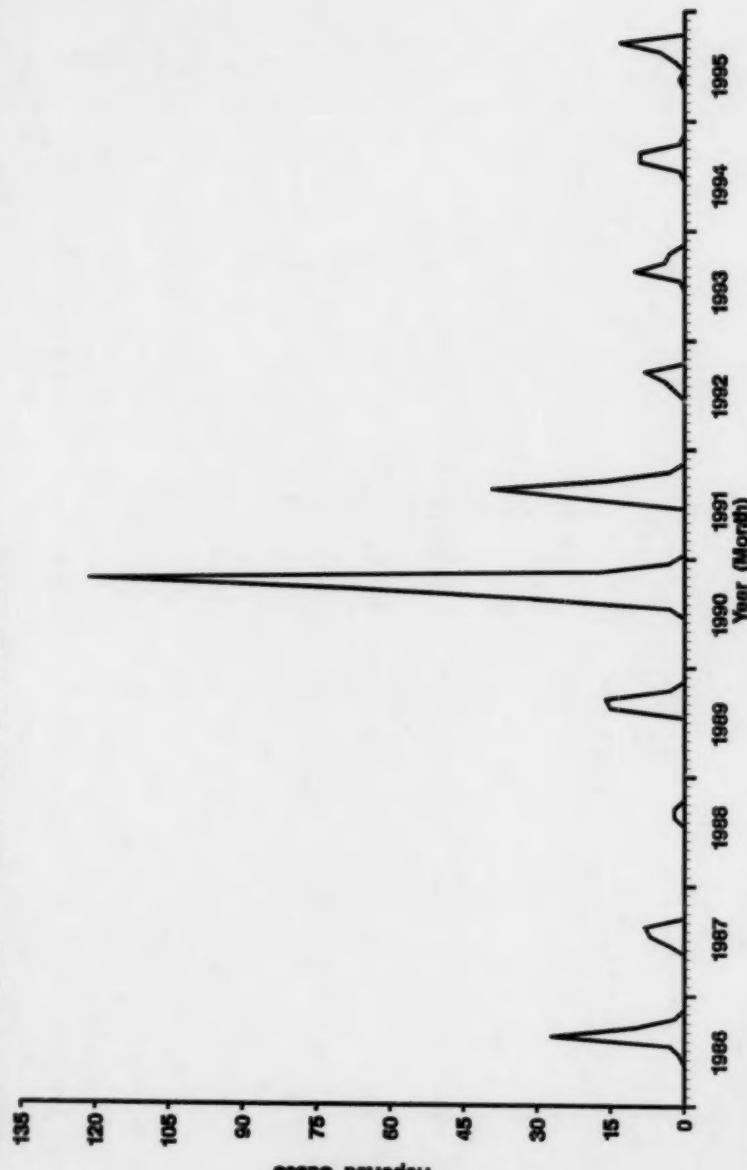
ARBOVIRAL INFECTIONS (of the central nervous system) — reported laboratory-confirmed cases caused by eastern equine encephalitis virus, by month of onset, United States, 1986–1995



Human cases of eastern equine encephalitis, often associated with high mortality rates (20%) and severe neurologic sequelae, occur in low frequency in states along the Atlantic coast.

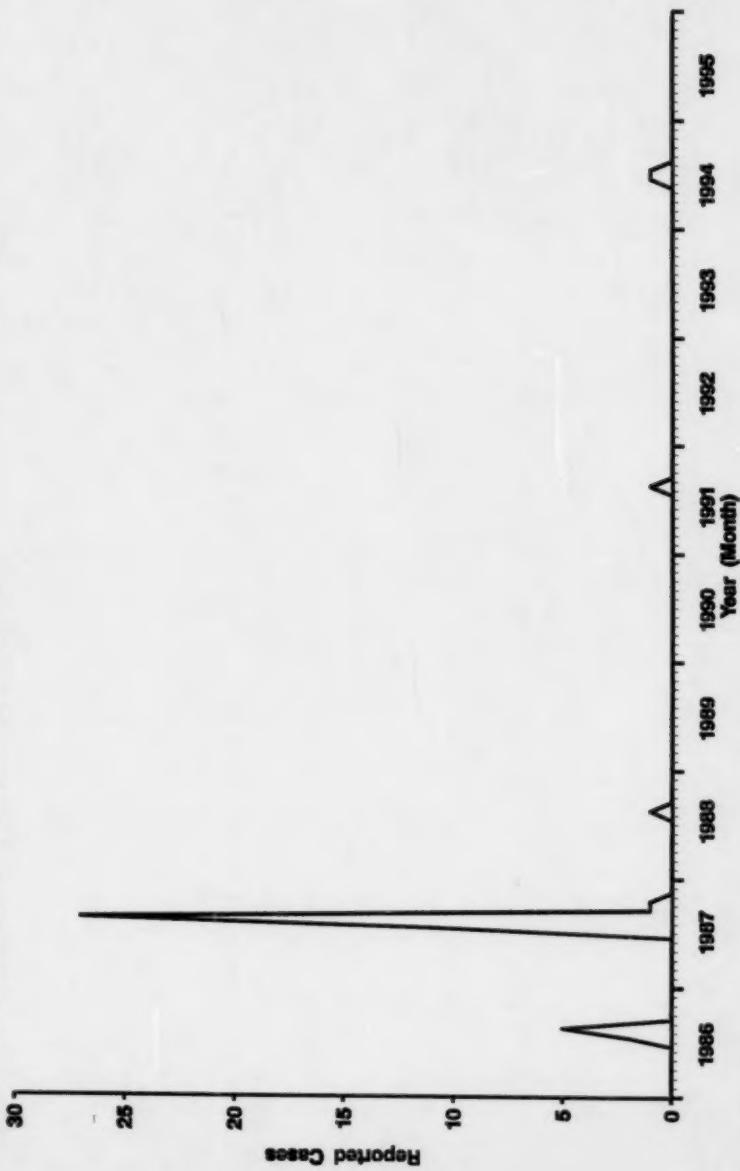
## GRAPHS AND MAPS

ARBOVIRAL INFECTIONS (of the central nervous system) — reported laboratory-confirmed cases caused by St. Louis encephalitis virus, by month of onset, United States, 1986–1995



St. Louis encephalitis, which has historically produced large epidemics, frequently causes intense local outbreaks, as it did in Harris County, Texas, in 1995.

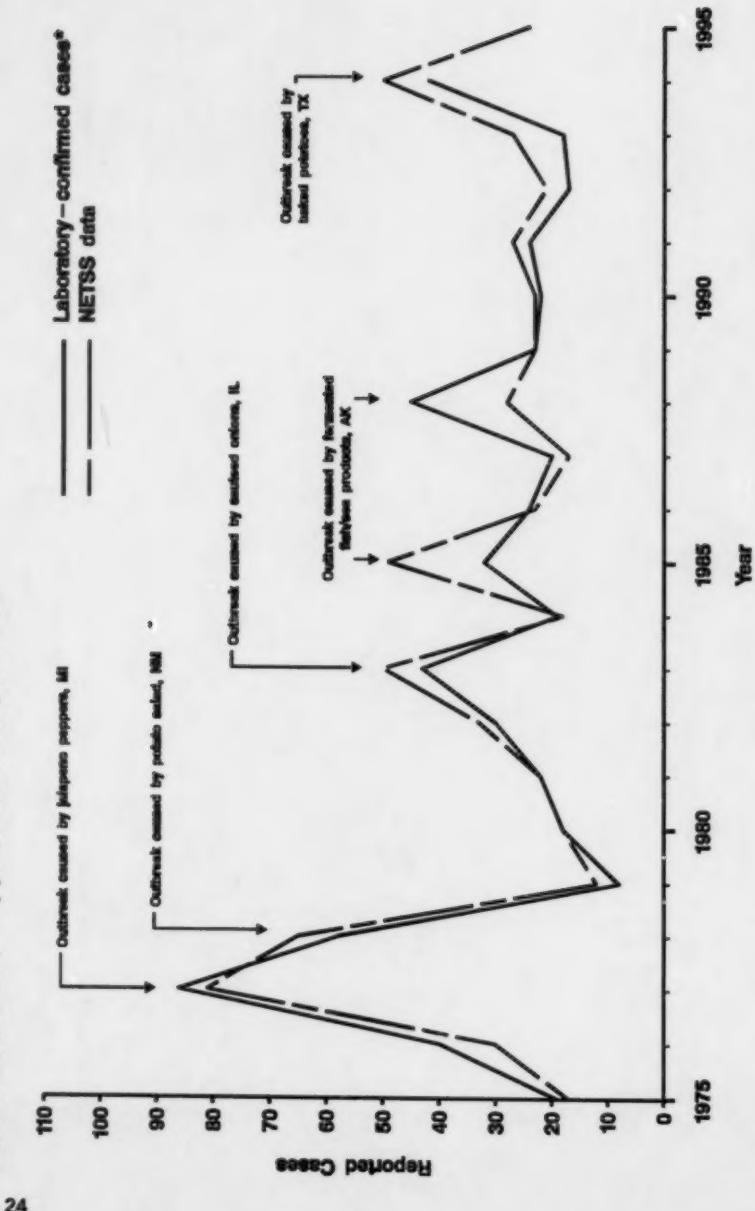
**ARBOVIRAL INFECTIONS (of the central nervous system) — reported laboratory-confirmed cases caused by western equine encephalitis virus, by month of onset, United States, 1986–1995**



Human cases of western equine encephalitis, for unknown reasons, have occurred only sporadically since the outbreaks of 1987.

## GRAPHS AND MAPS

BOTULISM (foodborne) — by year, United States, 1975–1995

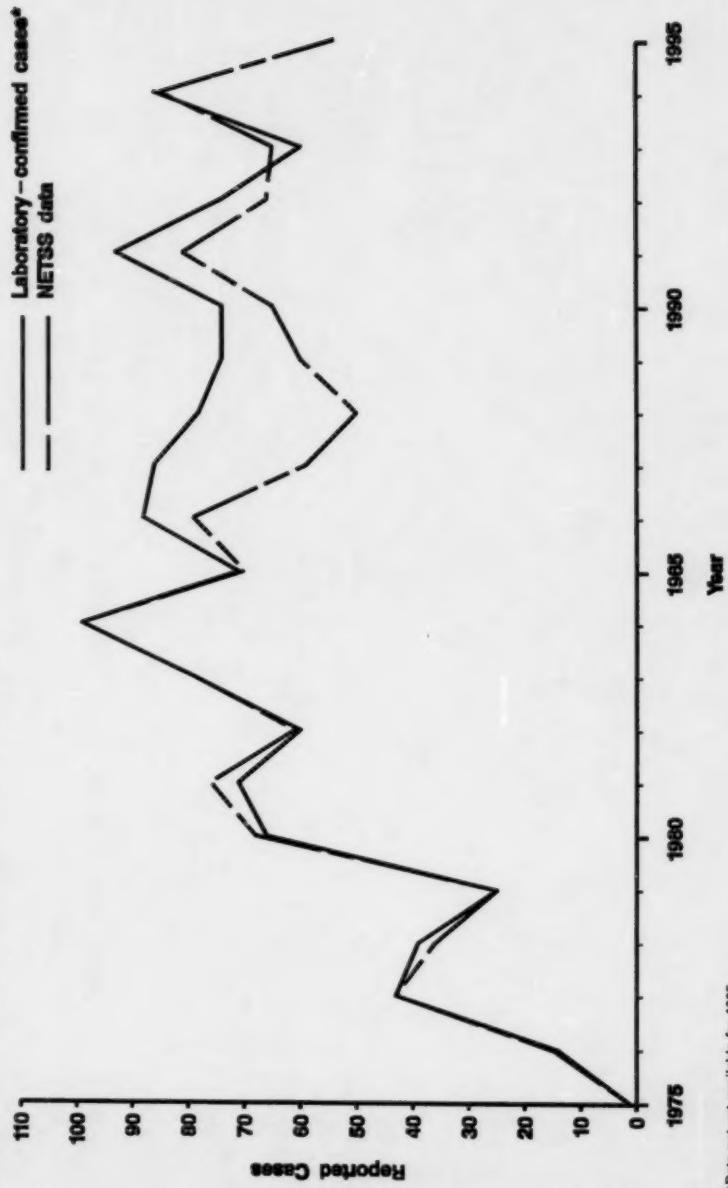


\* Data not yet available for 1995.

Although they occur infrequently, outbreaks of foodborne botulism can rapidly kill many persons. Such outbreaks require prompt and effective communication between clinicians and public health officials.

## GRAPHS AND MAPS

BOTULISM (infant) — by year, United States, 1975-1995

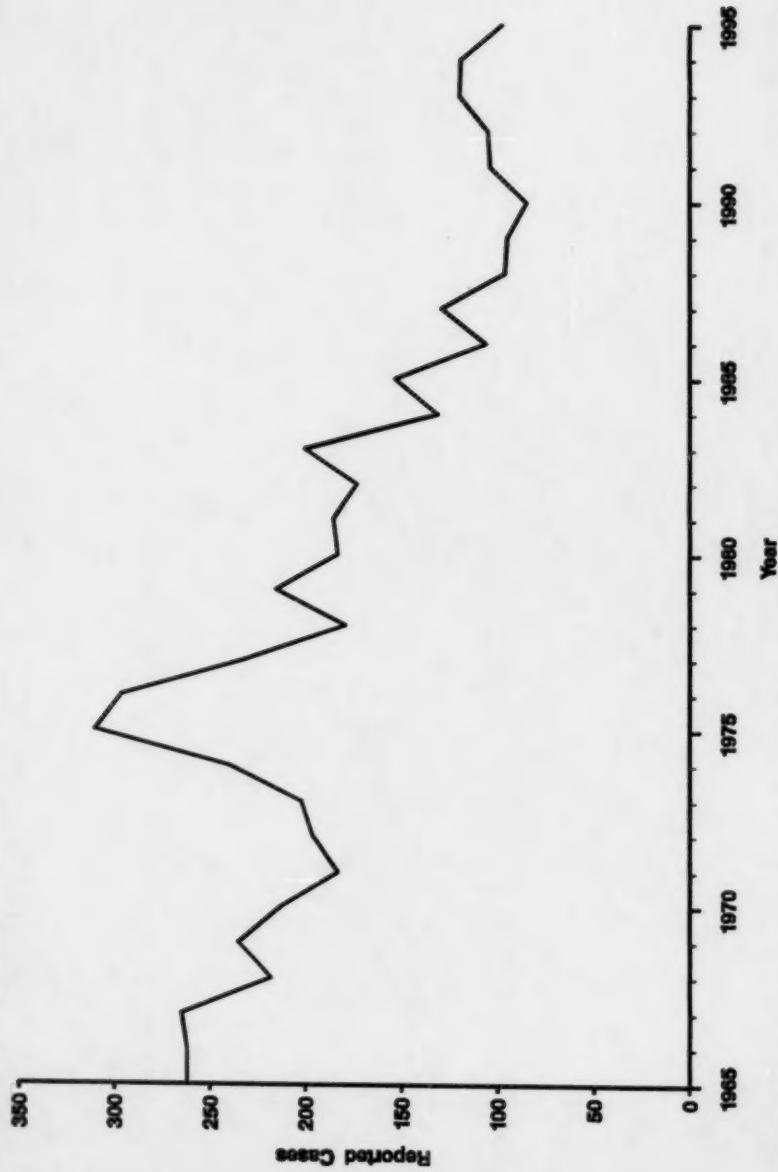


\* Data not yet available for 1995.

In the United States, nearly half of the reported cases of infant botulism occur in California.

## GRAPHS AND MAPS

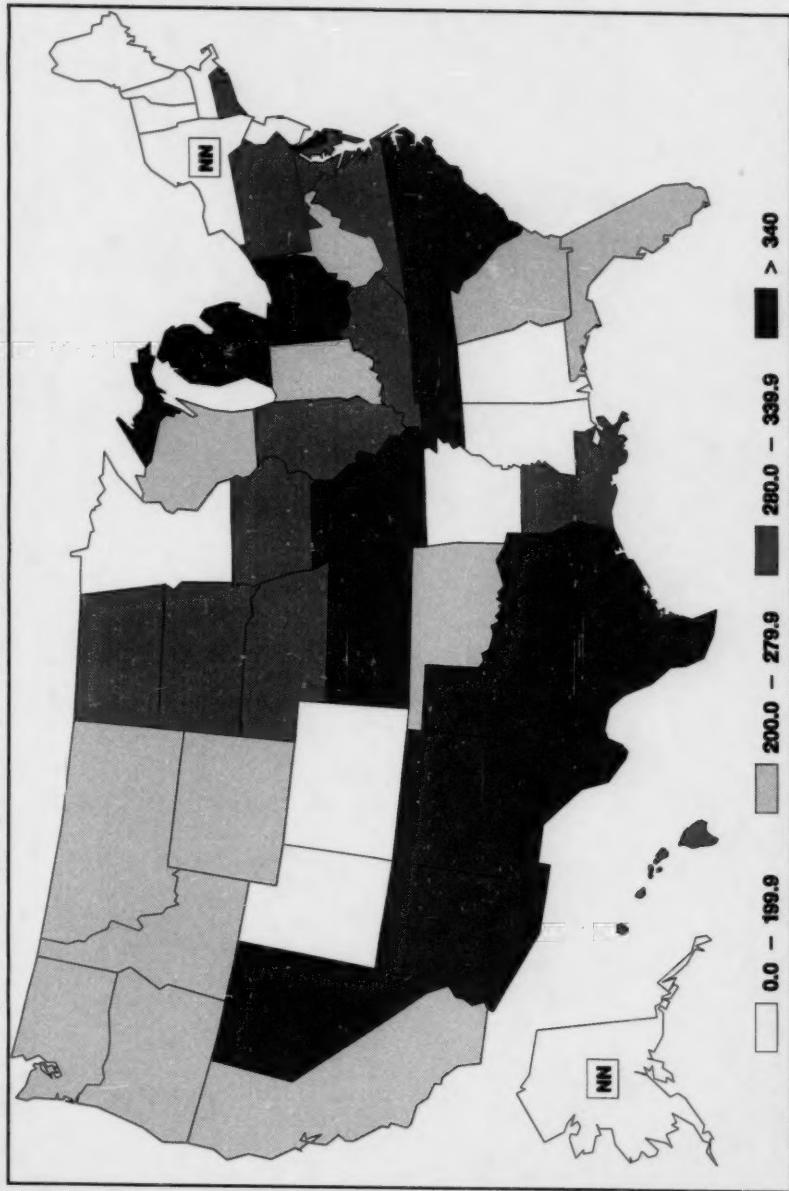
BRUCELLOSIS — by year, United States, 1965–1995



After peaking at over 300 cases in 1975, the number of brucellosis cases has declined and, for the last 10 years, has remained relatively stable at approximately 100 cases per year.

## GRAPHS AND MAPS

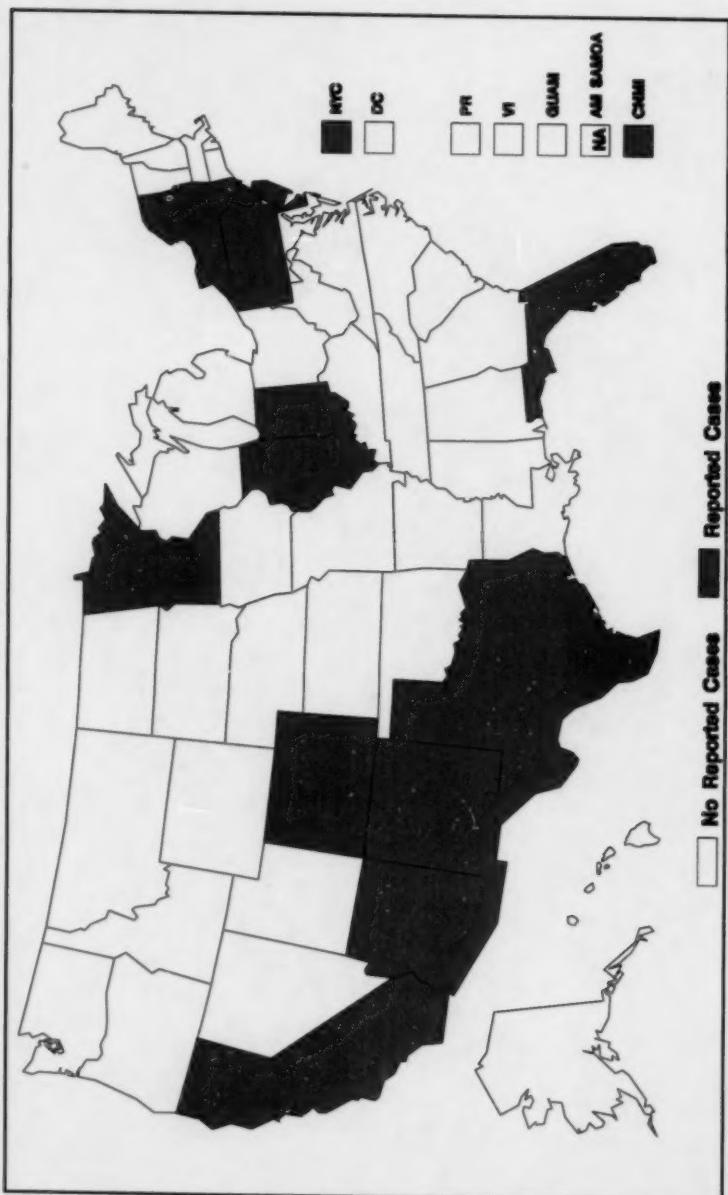
CHLAMYDIA — reported cases among women, per 100,000 population, United States, 1995



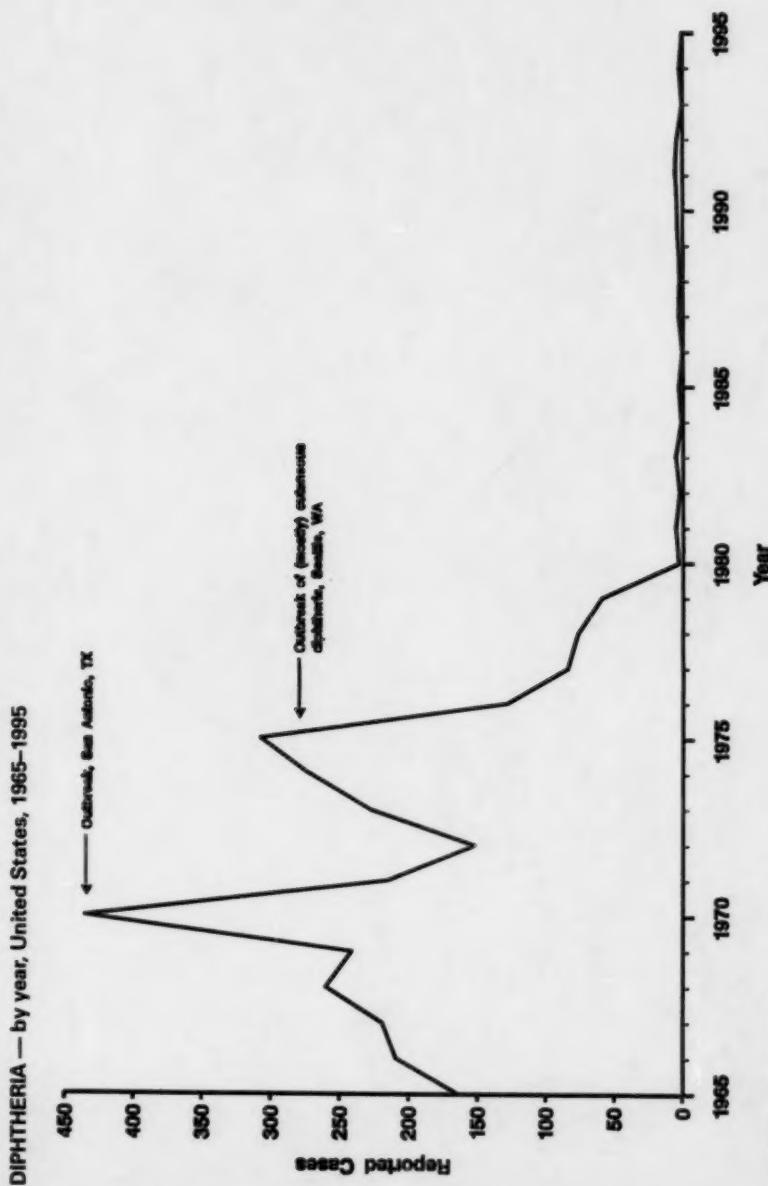
In 1995, the chlamydia rate among women was 290.29 cases per 100,000 population. The rates for men are not presented, as reporting for men is much more limited than it is for women.

**GRAPHS AND MAPS**

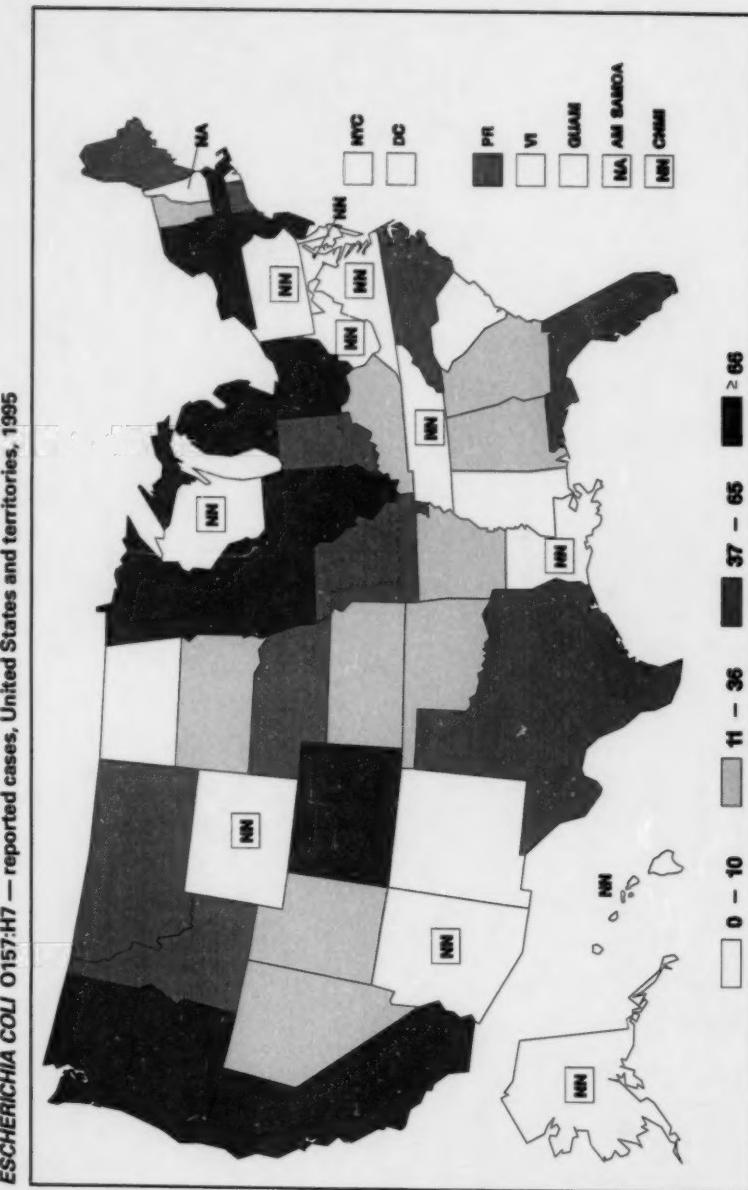
**CHOLERA — reported cases, United States and territories, 1995**



In recent years, most of the cases of cholera recognized in the United States were acquired during travel to Latin America, Asia, and Africa.



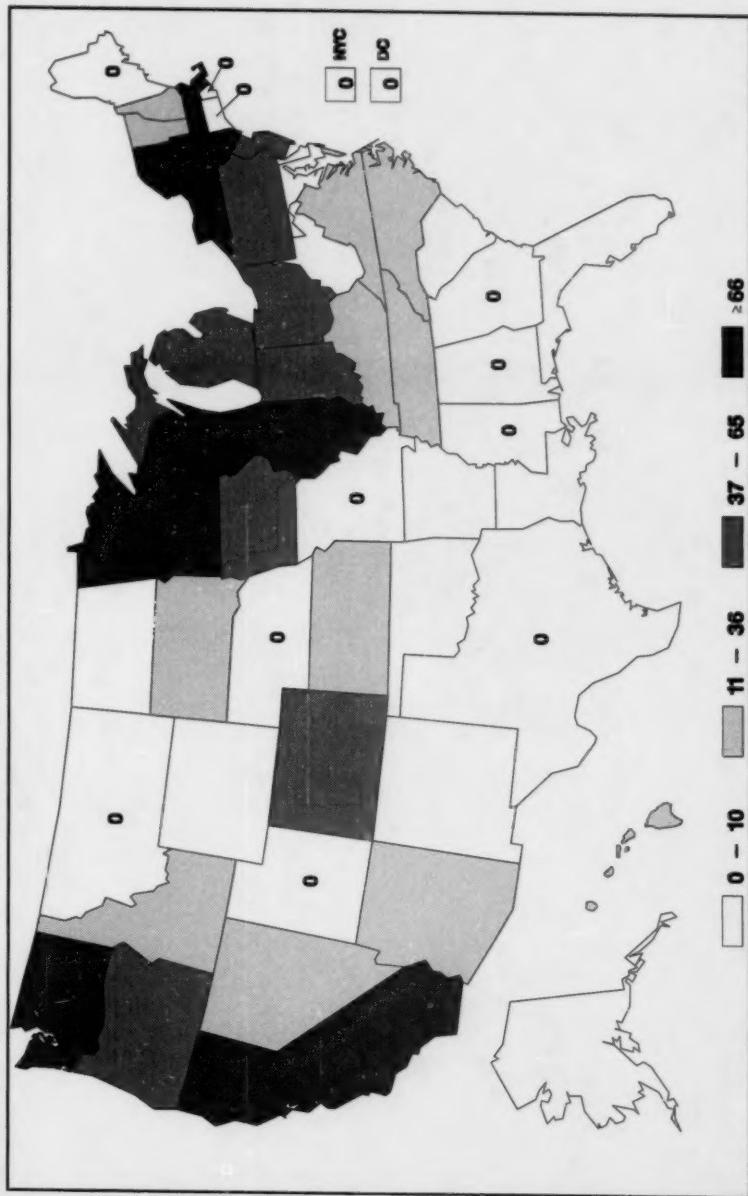
## **GRAPHS AND MAPS**



The number of laboratories that test all stool specimens for *E. coli* O157:H7 increased from 33 in 1994 to 38 in 1995. However, because 60% of clinical isolates are not recognized or reported.

## GRAPHS AND MAPS

*ESCHERICHIA COLI O157:H7 — reported isolates,\* United States, 1995*

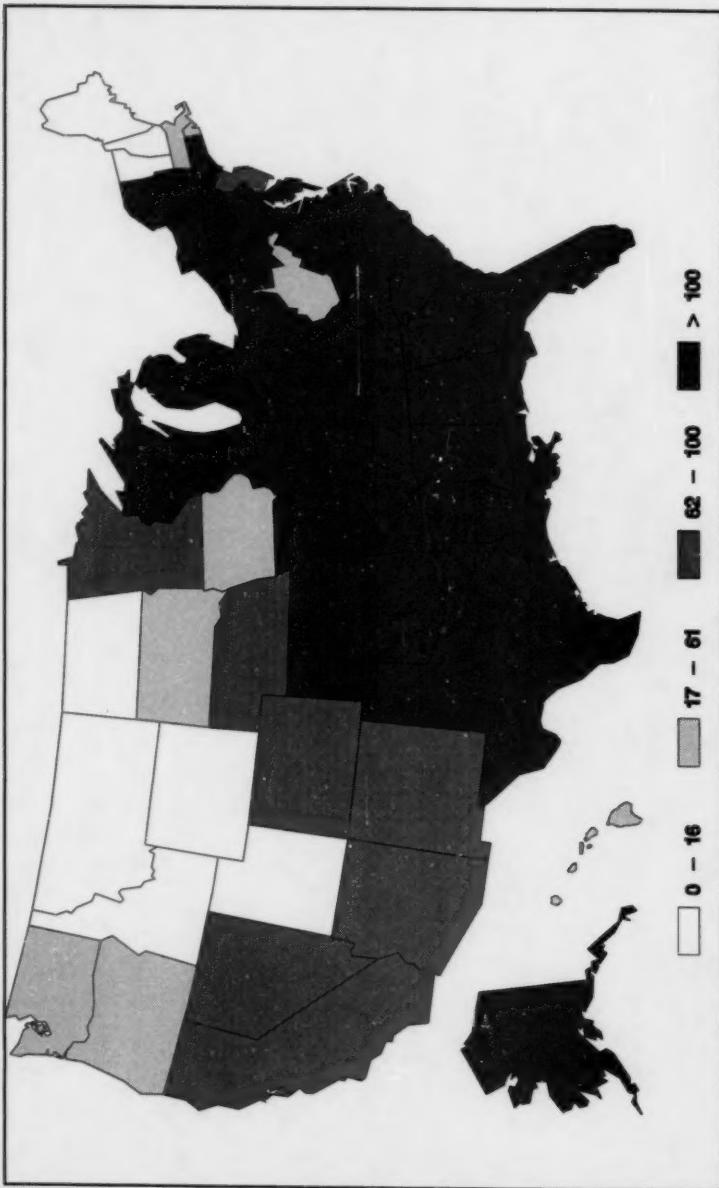


\*Data from the Public Health Laboratory Information System (PHLIS).

During 1993-1995, the number of states reporting *E. coli* O157:H7 isolates to PHLIS increased by more than threefold. Only those isolates that test positive for *E. coli* O157:H7 in state public health laboratories are reported to PHLIS.

## GRAPHS AND MAPS

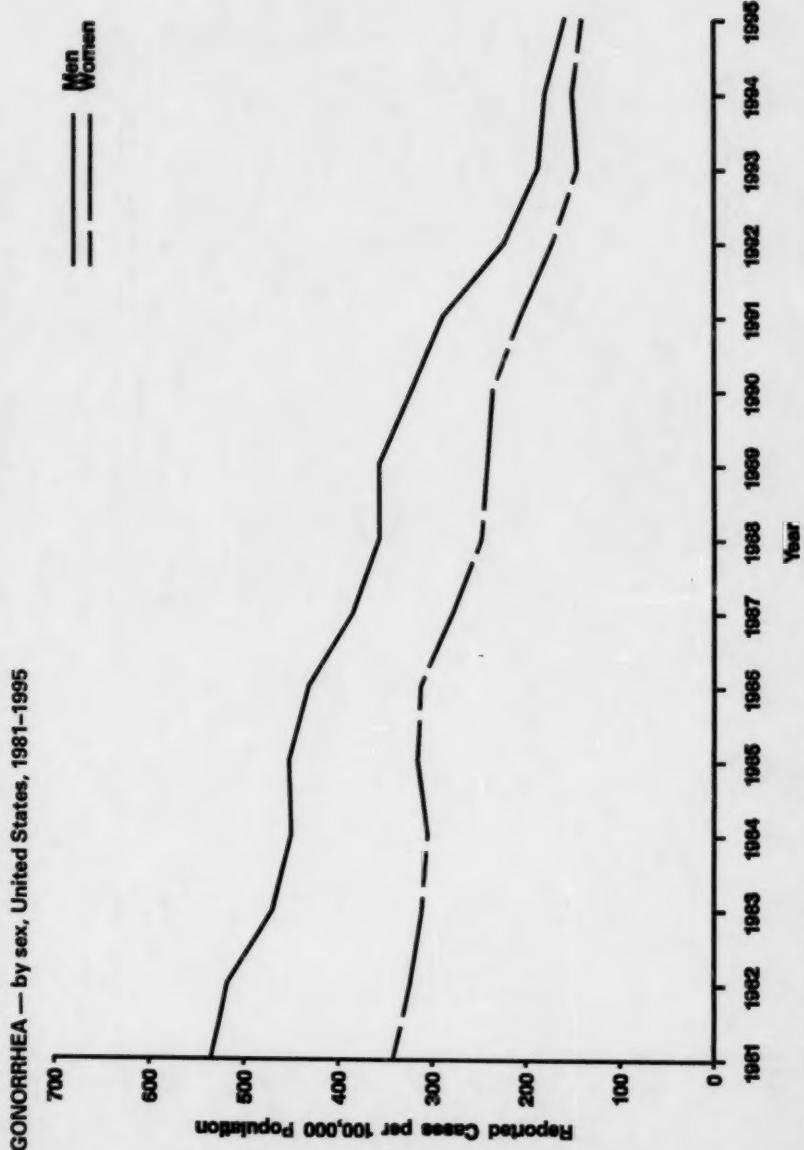
GONORRHEA — reported cases, per 100,000 population, United States, 1995



NOTE: The Year 2000 Objective is ≤100 per 100,000 population.

The overall U.S. gonorrhea rate in 1995 was 149.5 per 100,000 population; 24 states reported gonorrhea rates that were below the revised Healthy People 2000 national objective.

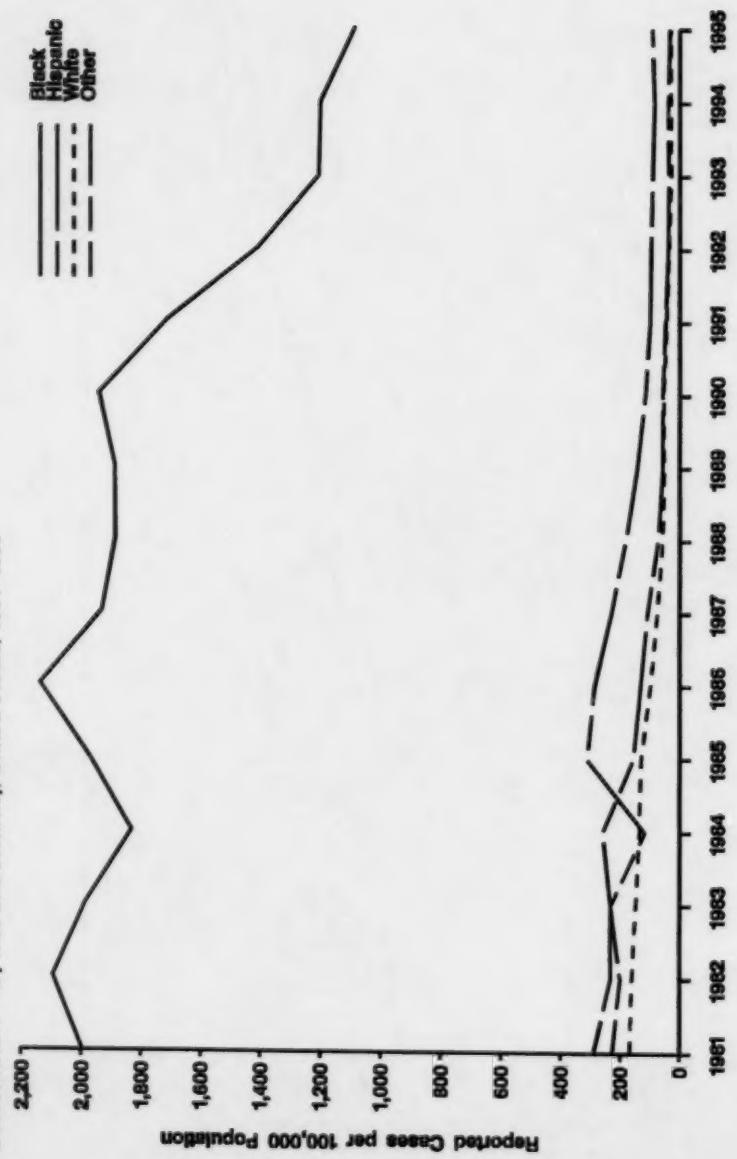
## GRAPHS AND MAPS



In 1995, the reported rate of gonorrhea in the United States continued to decline. In men, the rate decreased from 179.8 per 100,000 cases in 1994 to 159.6 in 1995; in women, it dropped from 150.7 per 100,000 cases in 1994 to 140.3 in 1995.

## GRAPHS AND MAPS

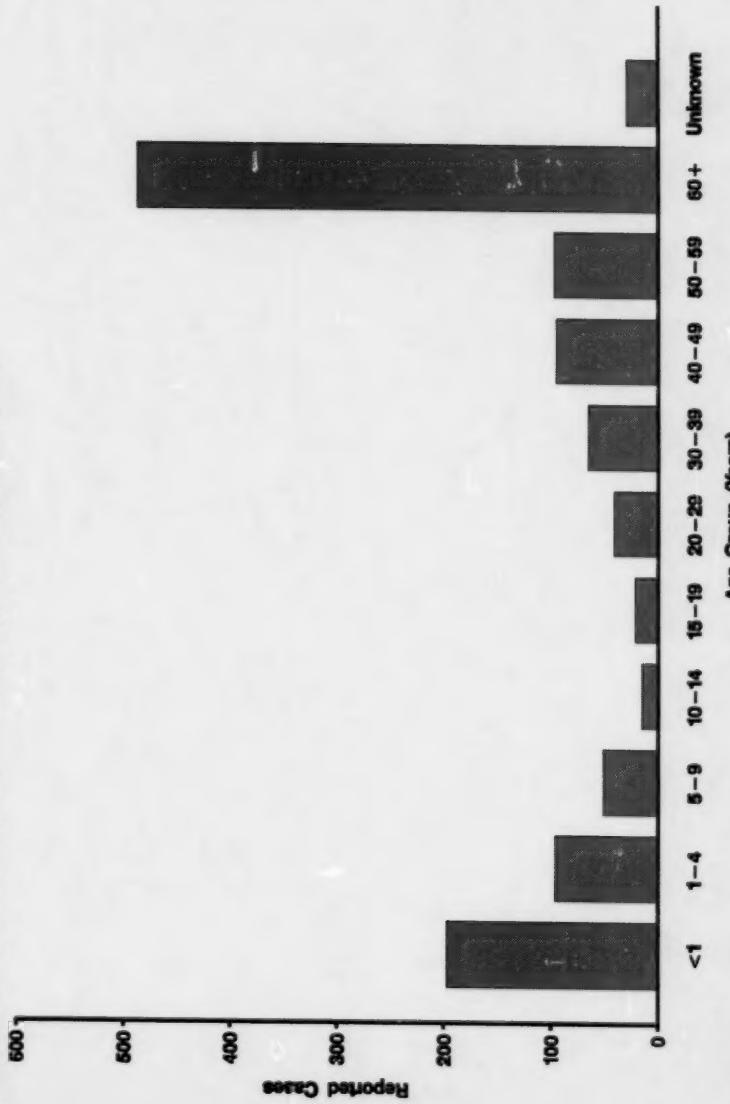
GONORRHEA — by race and ethnicity, United States, 1981-1995



In 1995, gonorrhea rates decreased slightly among all racial and ethnic groups. The only exception occurred among Hispanics.

## GRAPHS AND MAPS

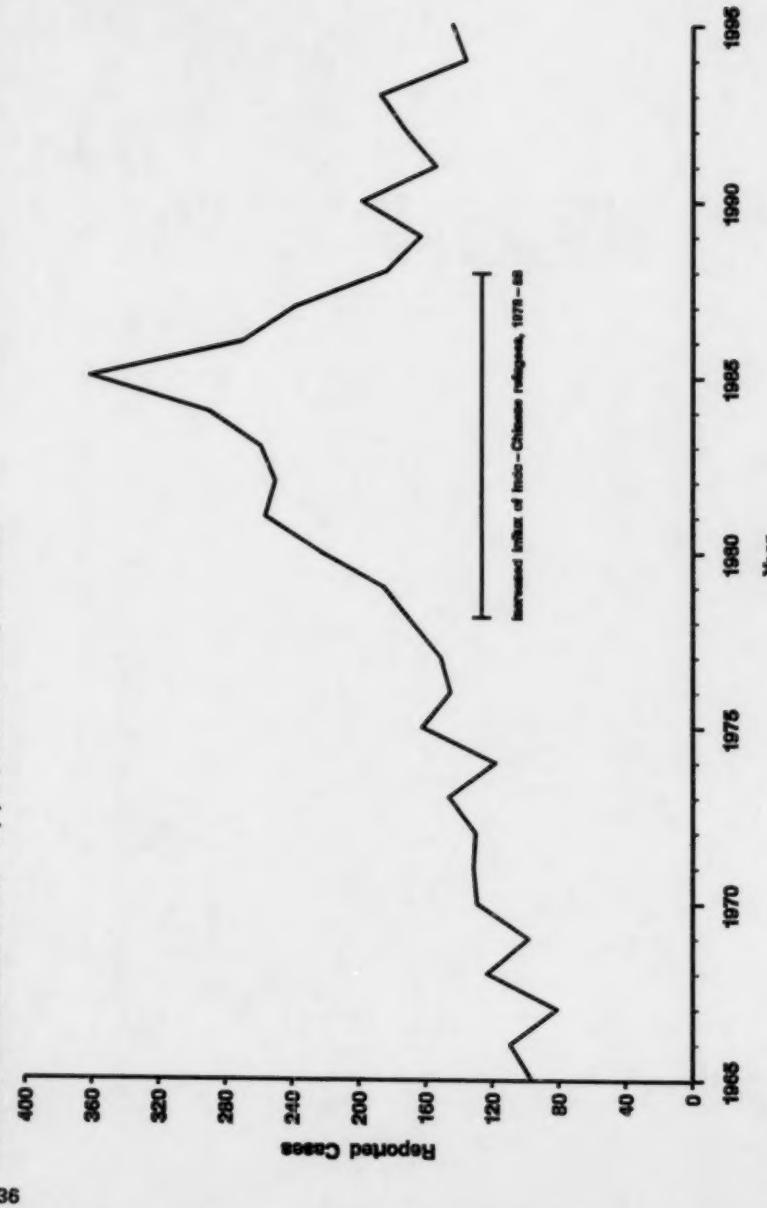
### HAEMOPHILUS INFLUENZAE, INVASIVE — by age group, United States, 1995



Of 290 reported cases among children ages <5 years, the serotype was reported for only 80; of these 80 cases, 48 (58%) were type b, which is the only serotype of *H. influenzae* disease that is preventable by vaccine. Lack of information on serotype prevented accurately determining whether most of these cases were vaccine-preventable or whether they represented vaccine failures.

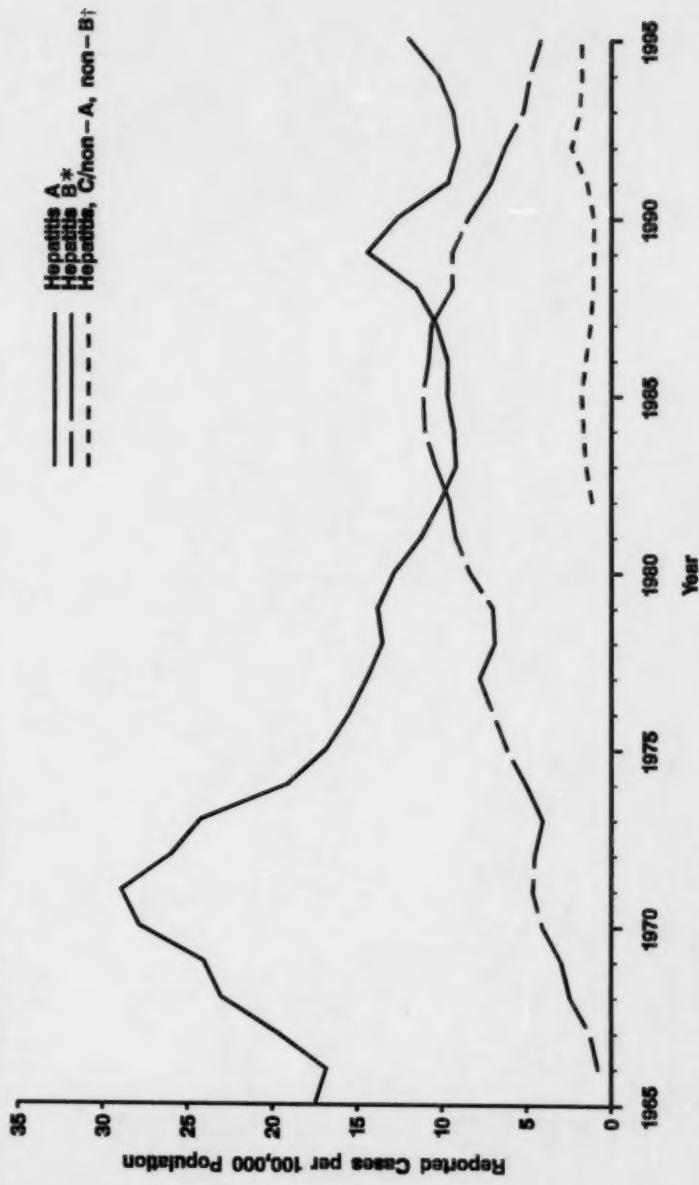
## GRAPHS AND MAPS

HANSEN DISEASE (LEPROSY) — by year, United States, 1965–1995



In 1995, 144 cases of Hansen disease were reported in the United States. The number of cases peaked at 361 in 1985; since 1988, it has remained relatively stable.

## HEPATITIS — by year, United States, 1955–1995



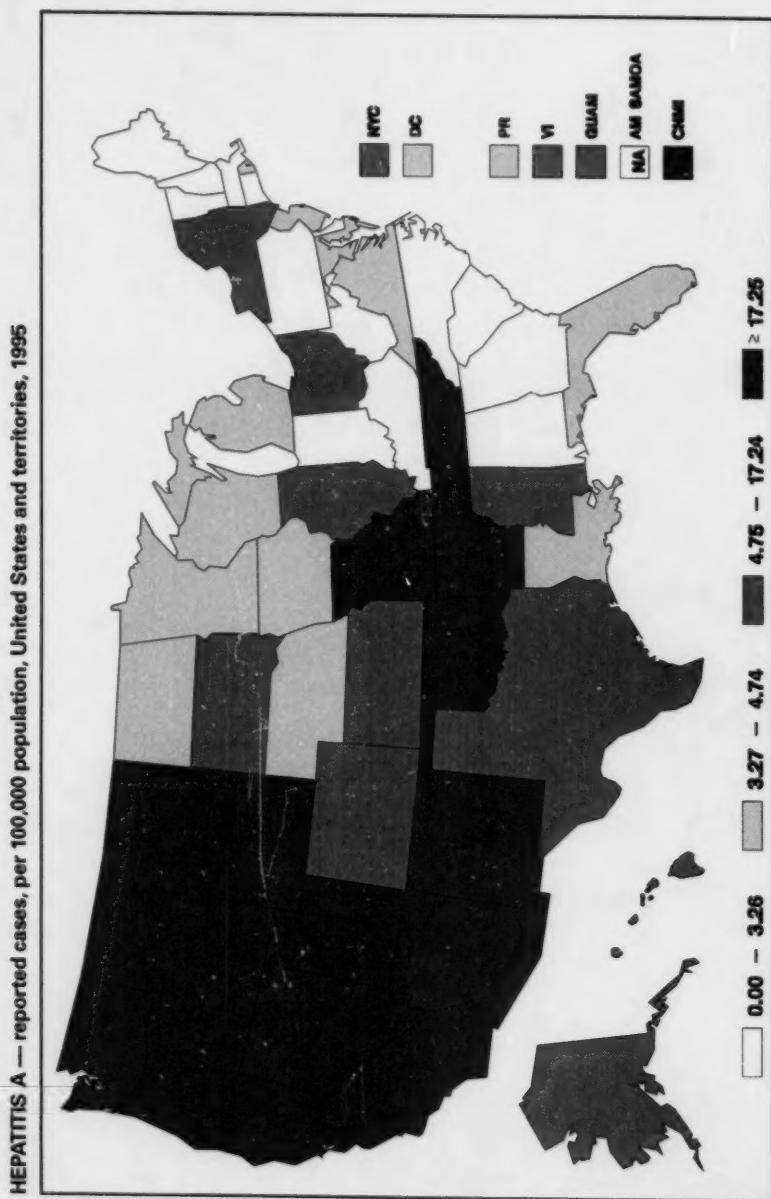
\*The first hepatitis B vaccine was licensed June 1982.

†Anti-HCV antibody test available May 1990.

Non-A, non-B hepatitis is the most unreported type of hepatitis. Nonetheless, the increase observed in this type of hepatitis after 1980 is misleading because, in some states, reported cases have included persons identified in routine screening programs who were positive for antibody to hepatitis C virus but who did not have evidence of acute hepatitis.

## GRAPHS AND MAPS

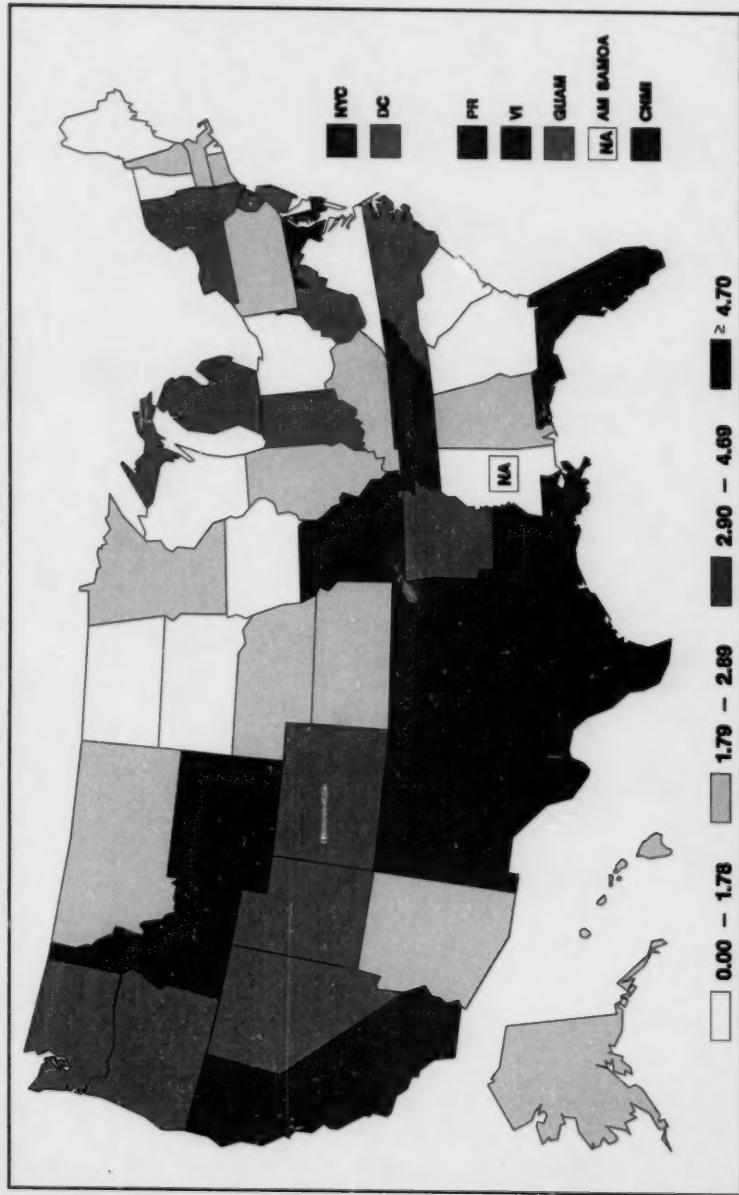
HEPATITIS A — reported cases, per 100,000 population, United States and territories, 1995



During the past 4 years, the number of reported cases of hepatitis A has increased; this is particularly so in the western states.

## GRAPHS AND MAPS

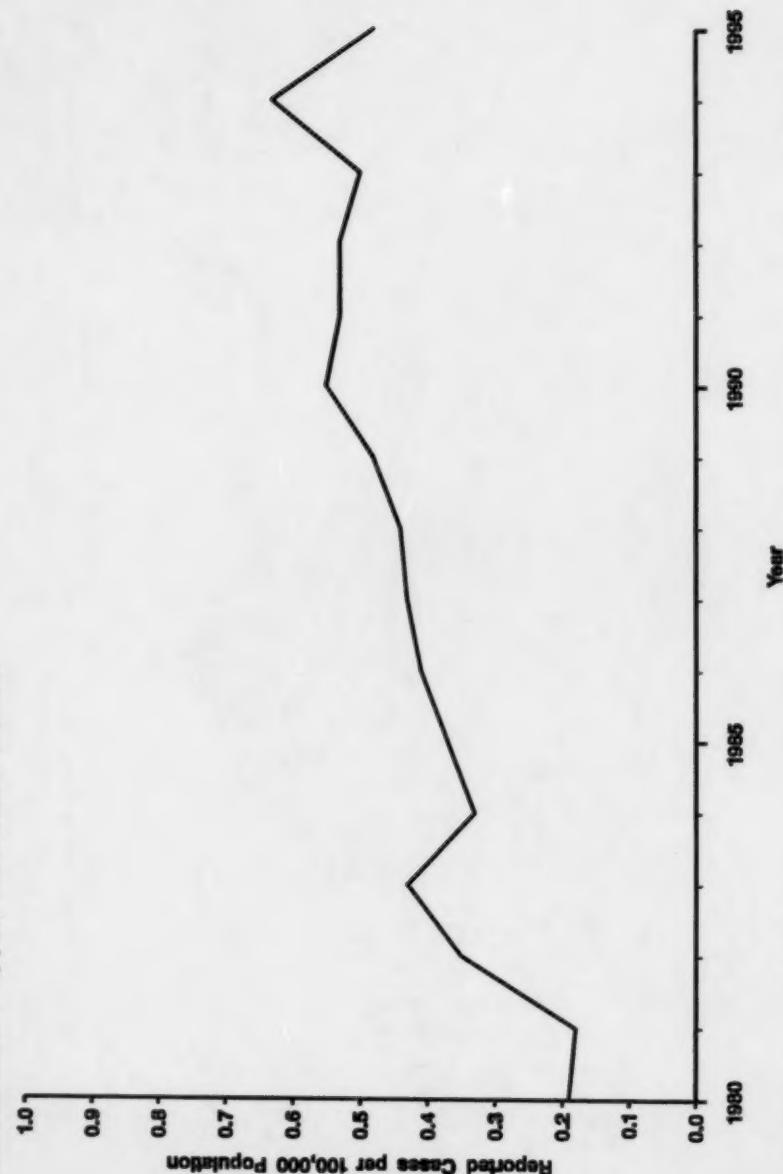
HEPATITIS B — reported cases, per 100,000 population, United States and territories, 1995



Hepatitis B continues to decline in most states, primarily because of a decrease in the number of cases among injecting-drug users and, to a lesser extent, among both homosexual men and heterosexuals of both sexes.

## GRAPHS AND MAPS

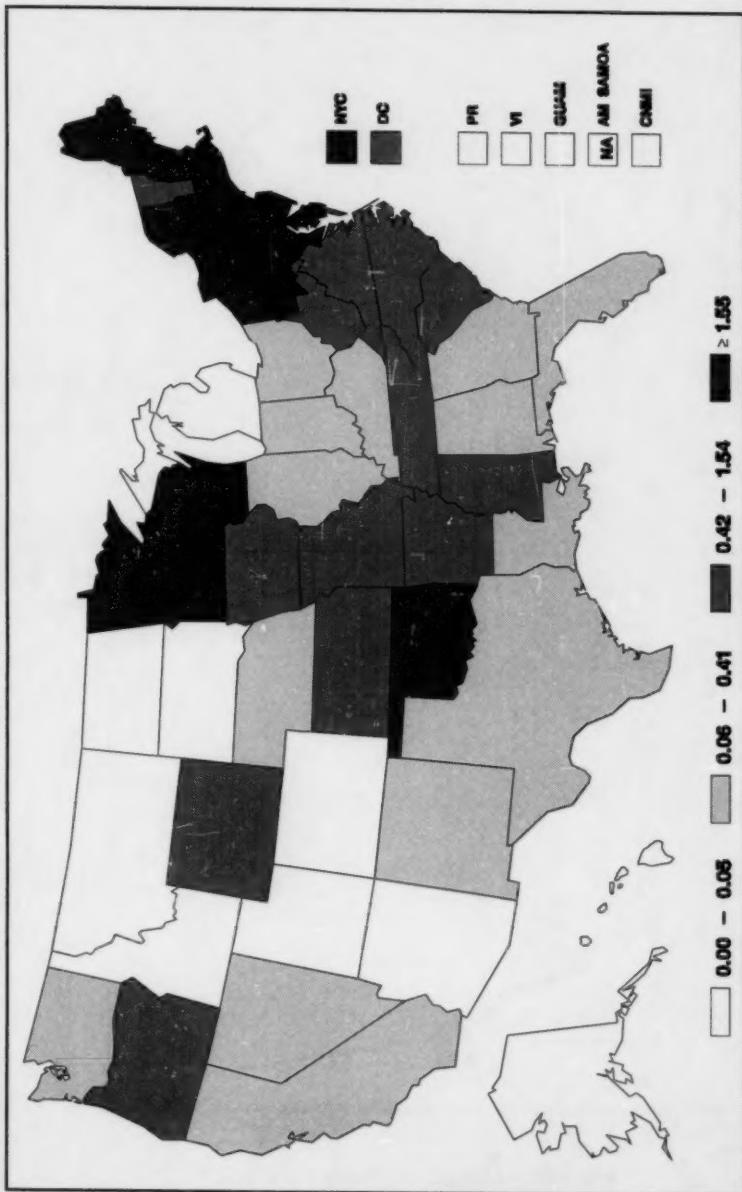
### LEGIONELLOSIS — by year, United States, 1980-1995



The increased annual rates of legionellosis that have been reported in recent years are likely associated with the greater availability and use of new diagnostic tests (e.g., urinary-antigen assays).

## GRAPHS AND MAPS

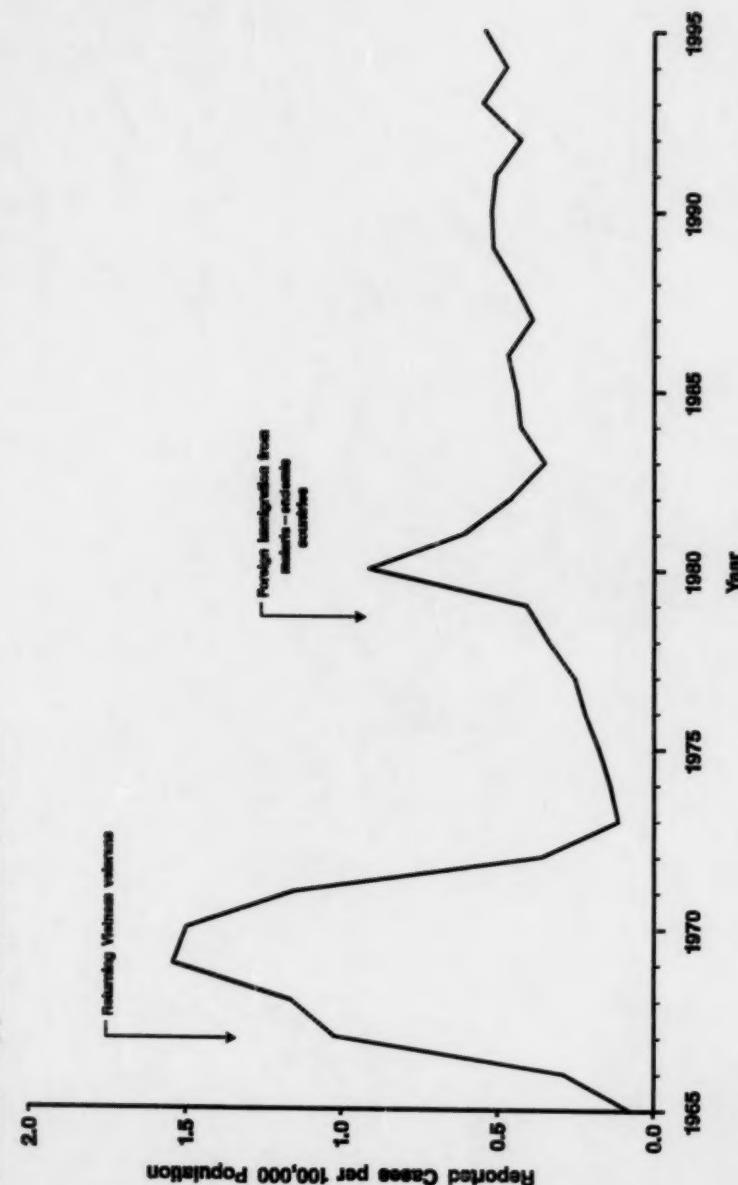
LYME DISEASE — reported cases, per 100,000 population, United States and territories, 1995



In 1995, 43 states reported a total of 11,700 cases of Lyme disease to CDC. This was the second highest annual number of cases reported since national surveillance began in 1982.

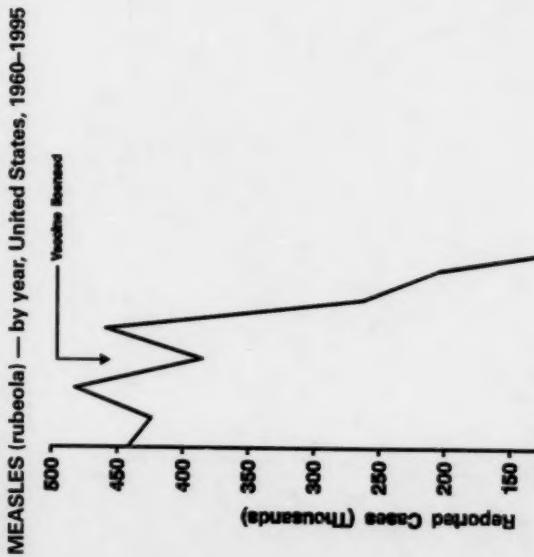
## GRAPHS AND MAPS

MALARIA — by year, United States, 1965-1995

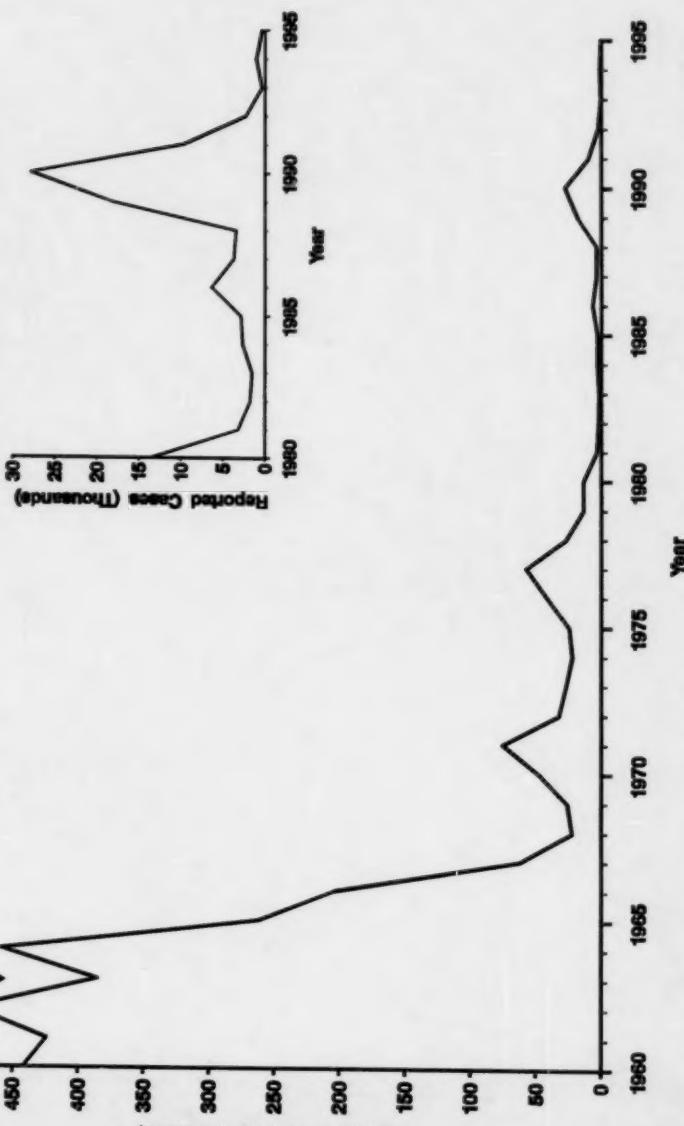


Since 1985, approximately 1,000 cases of imported malaria have been reported annually in the United States; recent immigrants and visitors accounted for 50% of these cases.

## GRAPHS AND MAPS



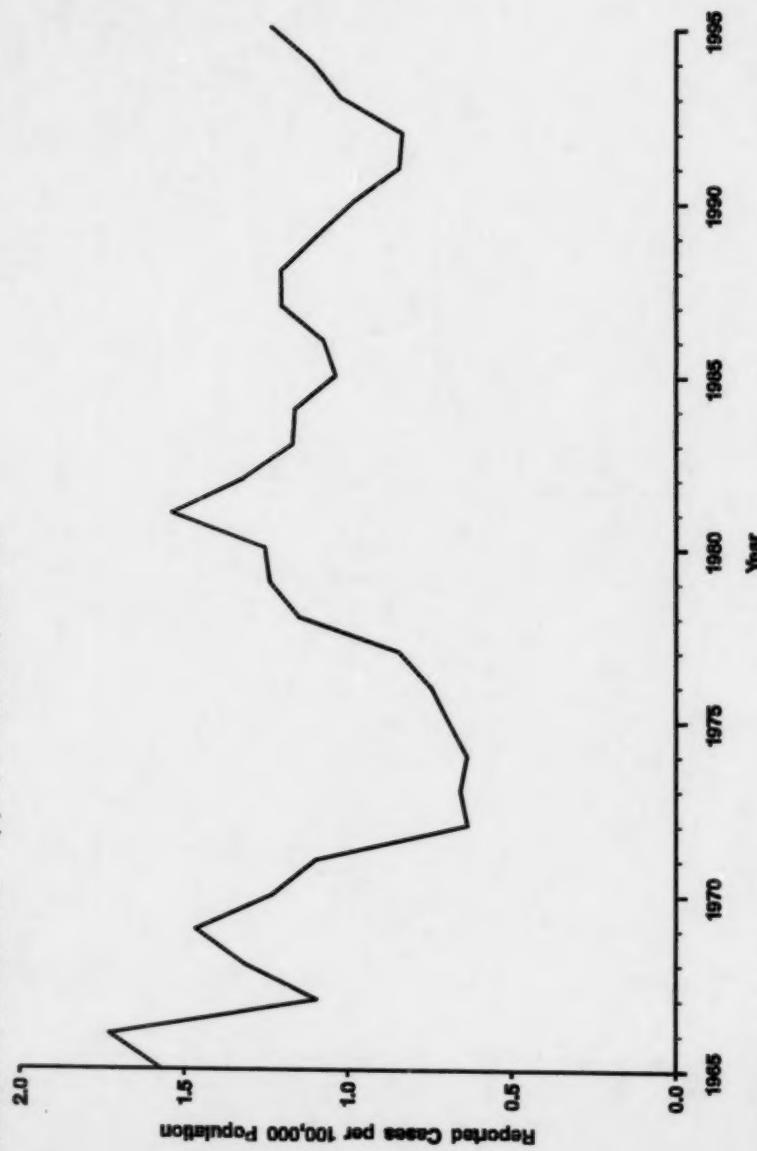
MEASLES — by year, United States, 1980–1995



In 1995, 309 cases of measles were reported in the United States—the lowest annual total ever. Most of the outbreaks occurred among unvaccinated preschool children and young adults. Over 50% of all cases were epidemiologically linked to international importations.

## GRAPHS AND MAPS

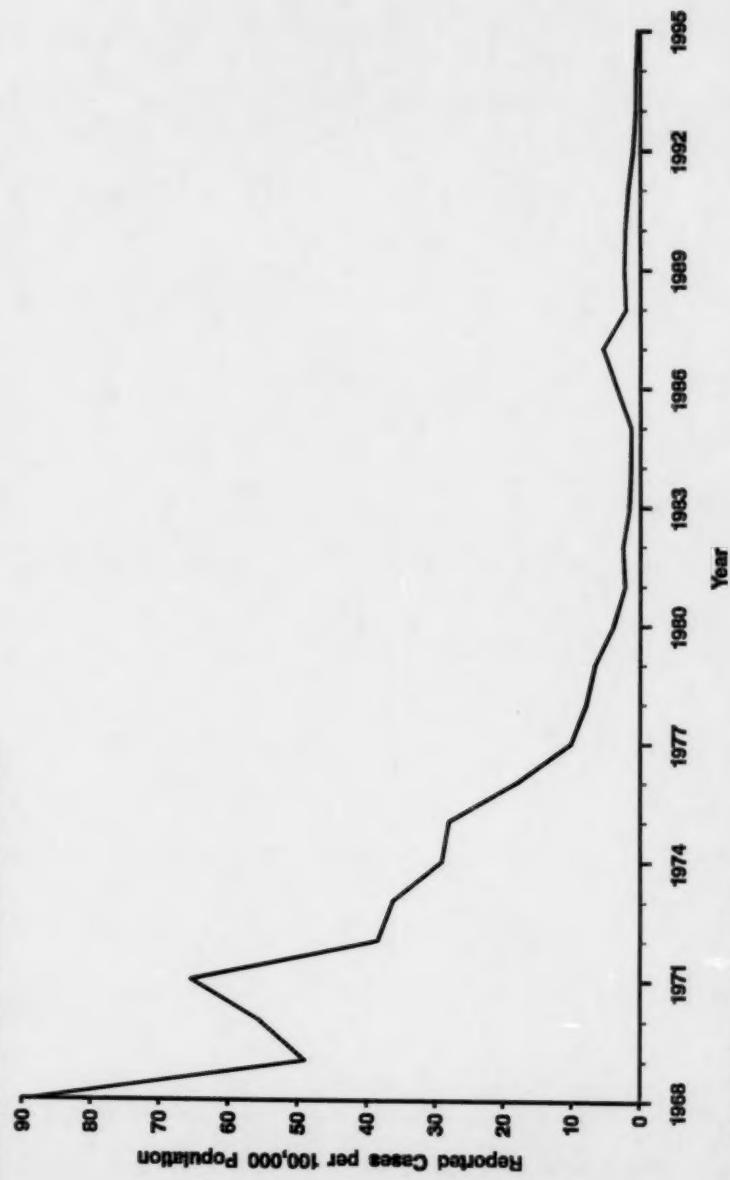
### MENINGOCOCCAL DISEASE — by year, United States, 1966–1995



Although the proportion of meningococcal disease cases attributed to serogroup Y increased, the overall rate of meningococcal disease remained relatively unchanged during the past year.

## GRAPHS AND MAPS

MUMPS — by year, United States, 1968–1995

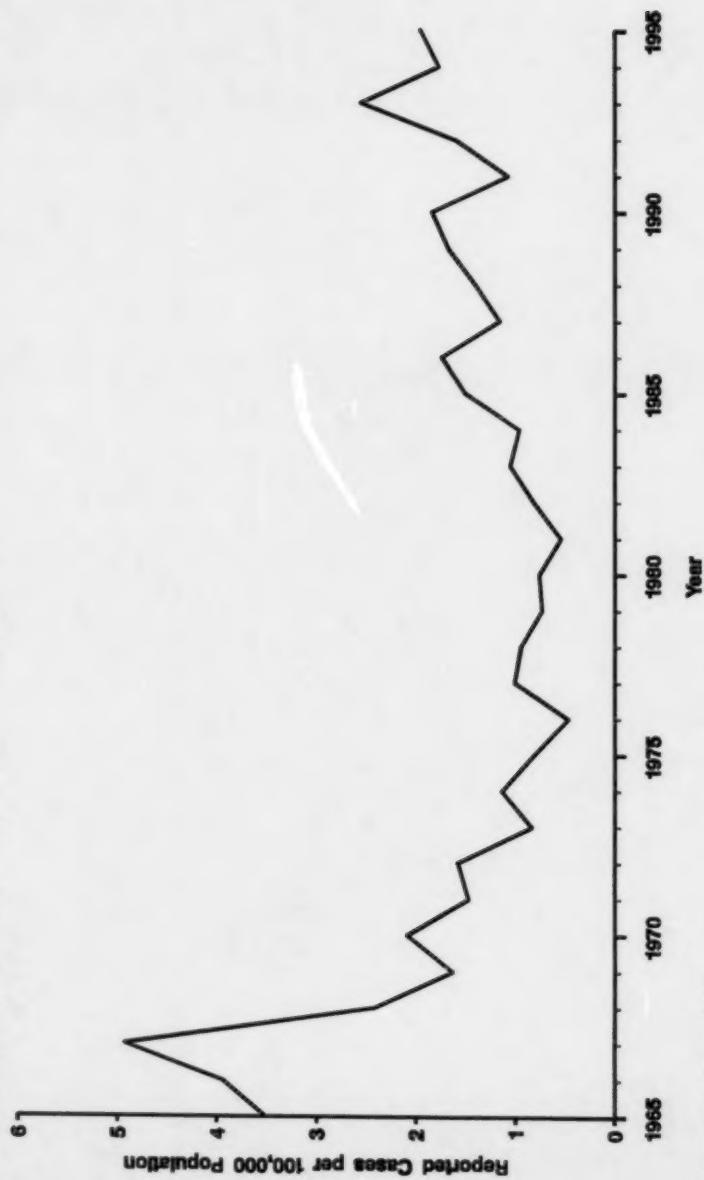


NOTE: Mumps vaccine licensed December 1967.

During 1995, 906 cases of mumps were reported in the United States—this is the lowest number ever reported during one year.

## GRAPHS AND MAPS

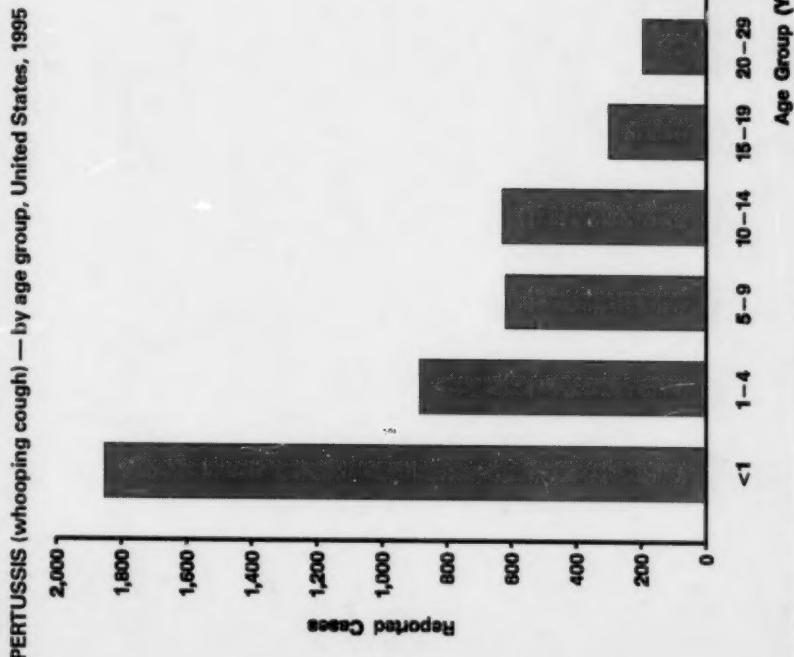
### PERTUSSIS (whooping cough) — by year, United States, 1965-1995



NOTE: DTP vaccine licensed 1949.

Of 674 pertussis cases reported among children ages 7 months to 4 years who had a known vaccination status in 1995, 309 (46%) had received fewer than three doses of diphtheria-tetanus-pertussis vaccine, which is the minimum number of doses necessary for clinical protection.

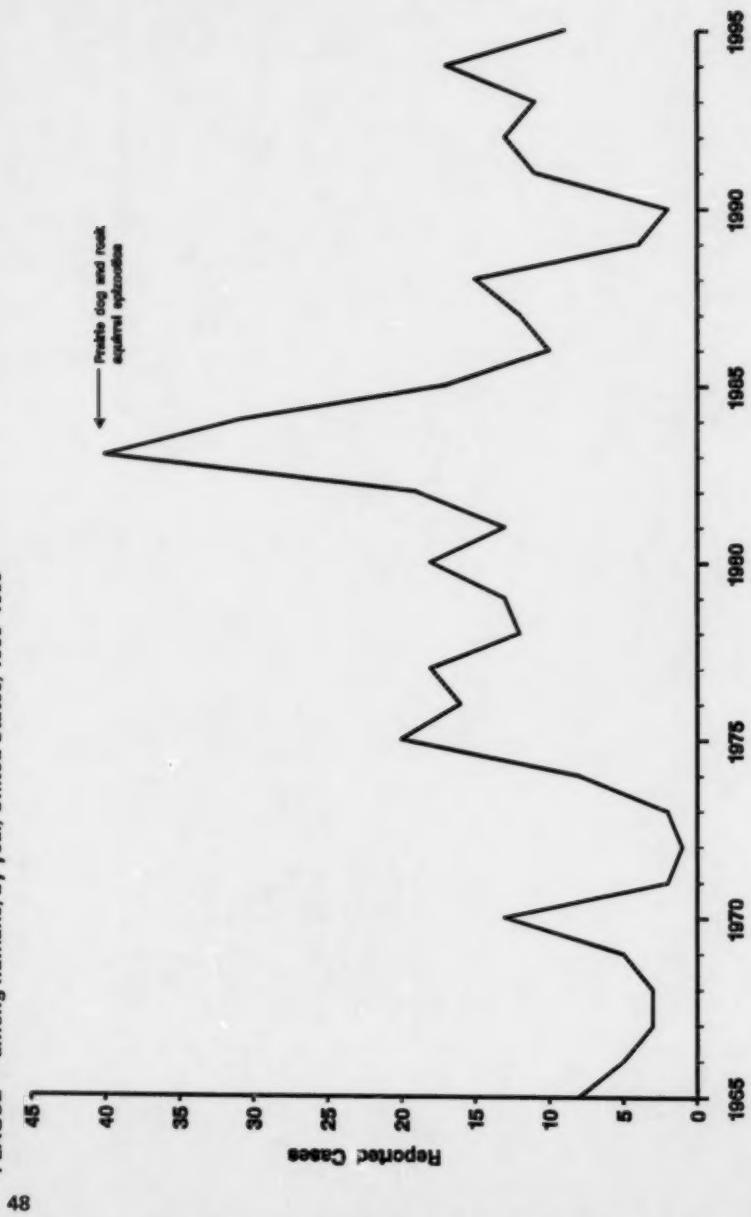
## GRAPHS AND MAPS



Despite achieving high vaccination coverage with diphtheria-tetanus-pertussis vaccination among young children, reported pertussis incidence continues to display a 3-4 year periodicity. The next peak in the reported incidence of pertussis is anticipated during 1998-1997.

GRAPHS AND MAPS

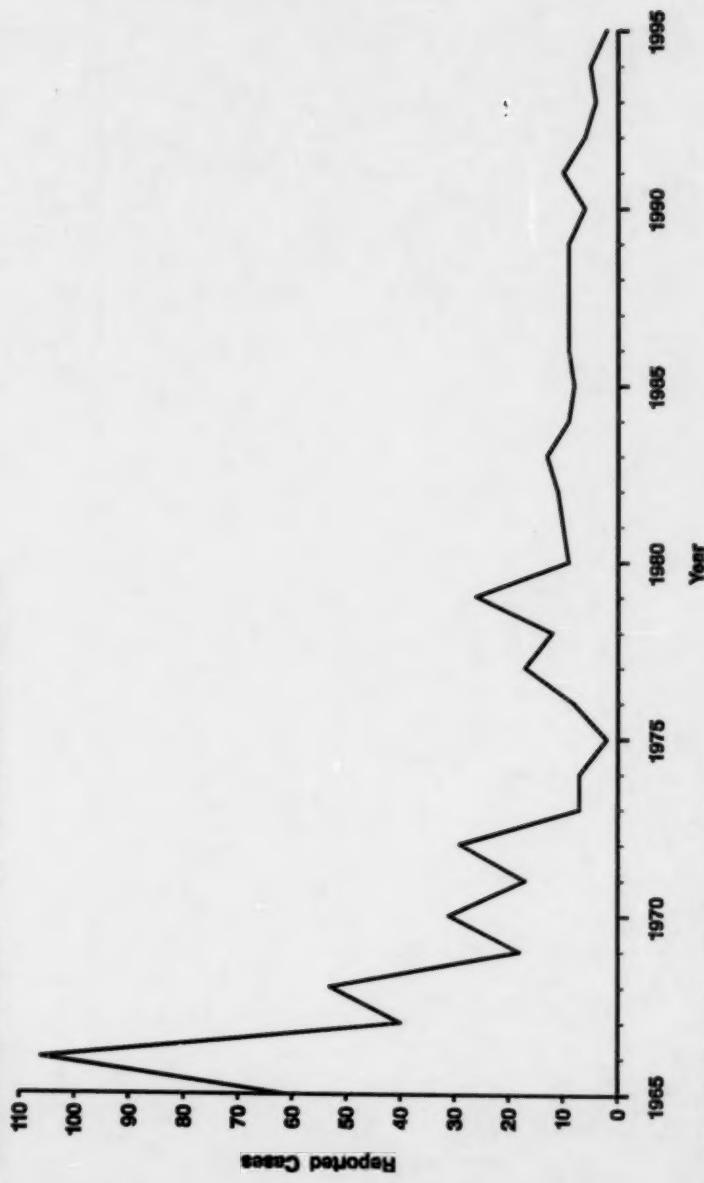
PLAUE — among humans, by year, United States, 1965-1995



Revised recommendations for the use of plague vaccine have been approved by the Advisory Committee on Immunization Practices (ACIP) and have been submitted for publication to *MMWR*.

## GRAPHS AND MAPS

POLIOMYELITIS (paralytic) — by year, United States, 1965–1995

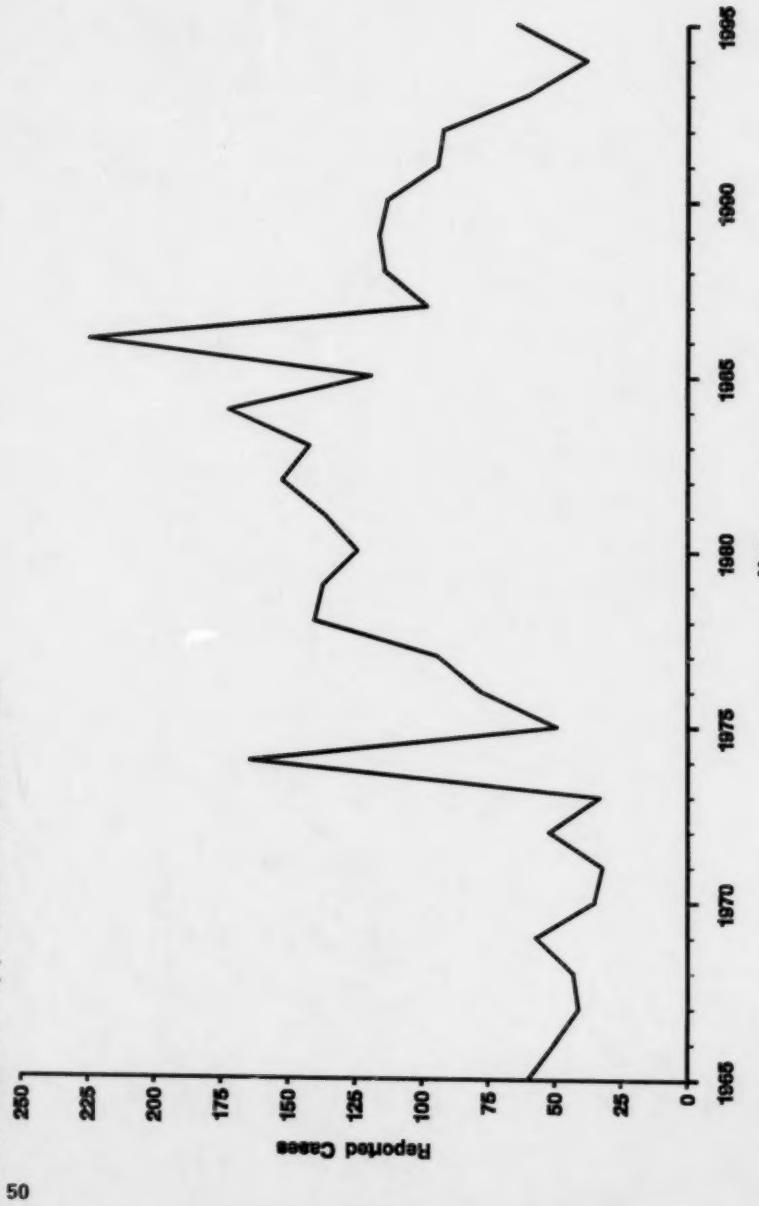


NOTE: Inactivated vaccine licensed 1965. Oral vaccine licensed 1961.

Since 1980, 121 of 123 confirmed cases of indigenously acquired paralytic poliomyelitis in the United States have been associated with oral polio vaccine. The remaining two cases were classified as indeterminate.

## GRAPHS AND MAPS

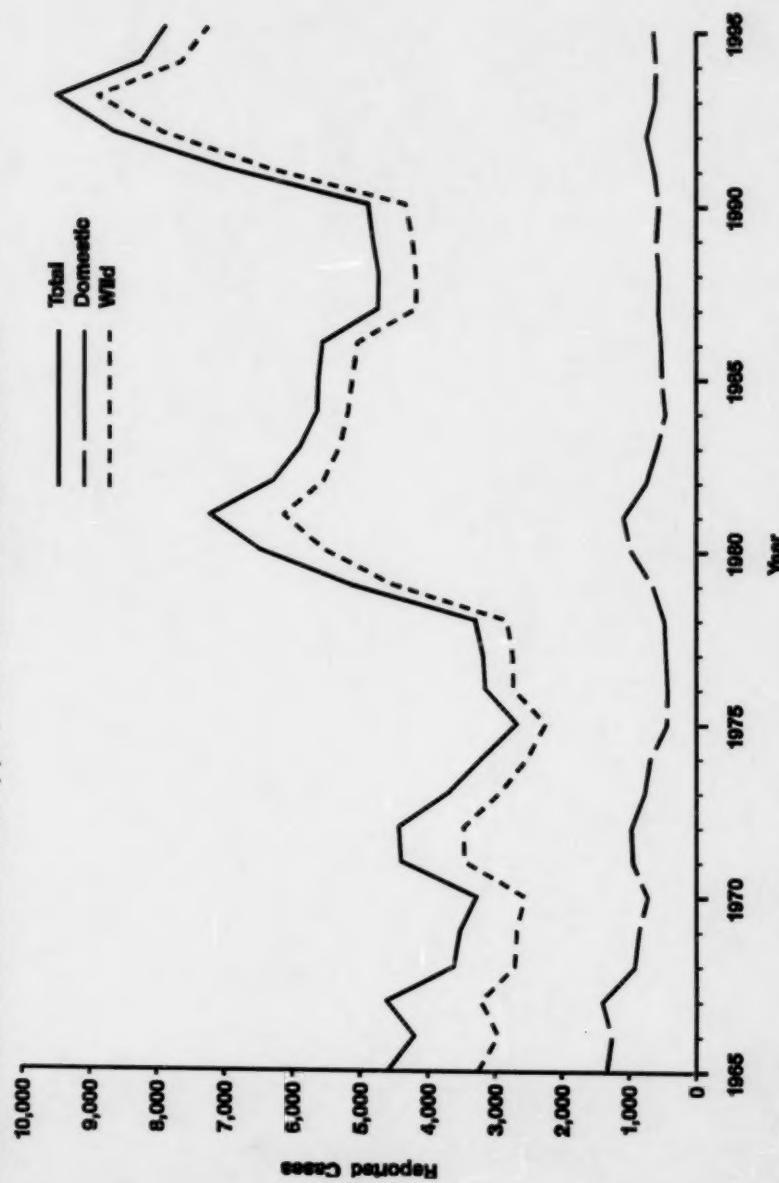
### PSITTACOSIS — by year, United States, 1965–1995



The number of psittacosis cases may vary considerably from year to year because of periodic outbreaks. The lower case rates reported in recent years may reflect a return to true baseline incidence, as cases attributed incorrectly to *Chlamydia psittaci* infection in the mid-1980s may have been caused by *C. pneumoniae*.

## GRAPHS AND MAPS

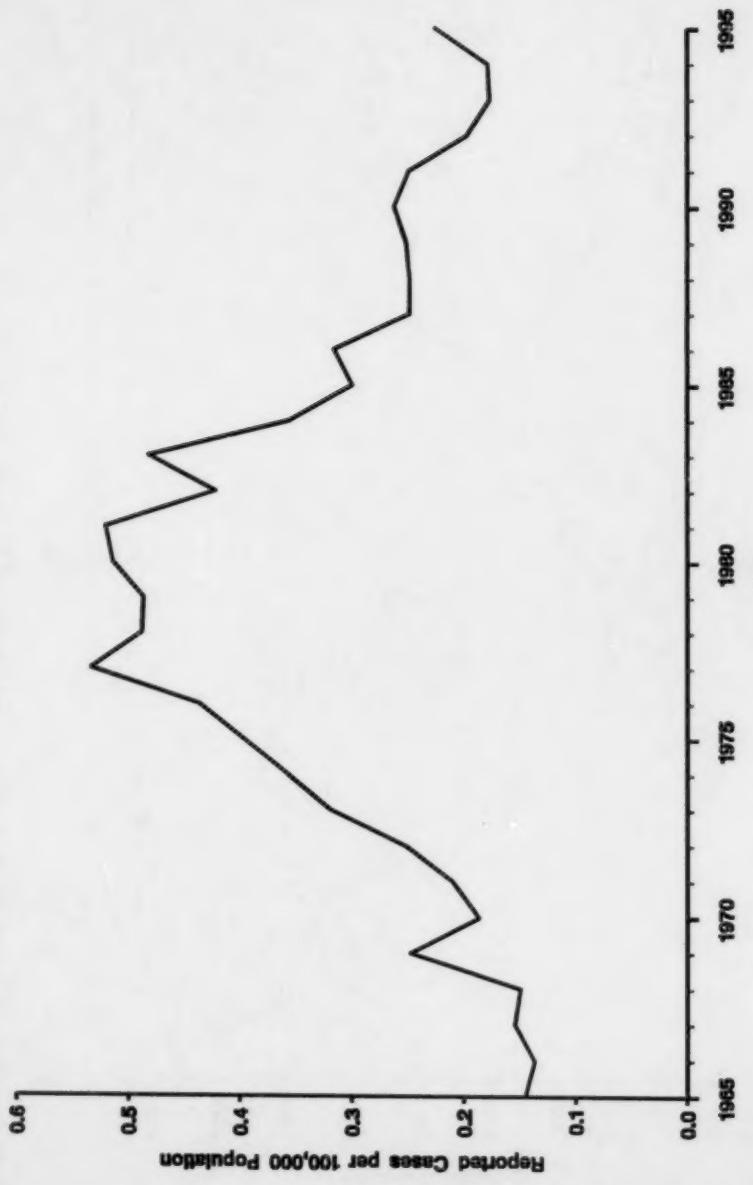
RABIES — wild and domestic animals, by year, United States and Puerto Rico, 1965-1995



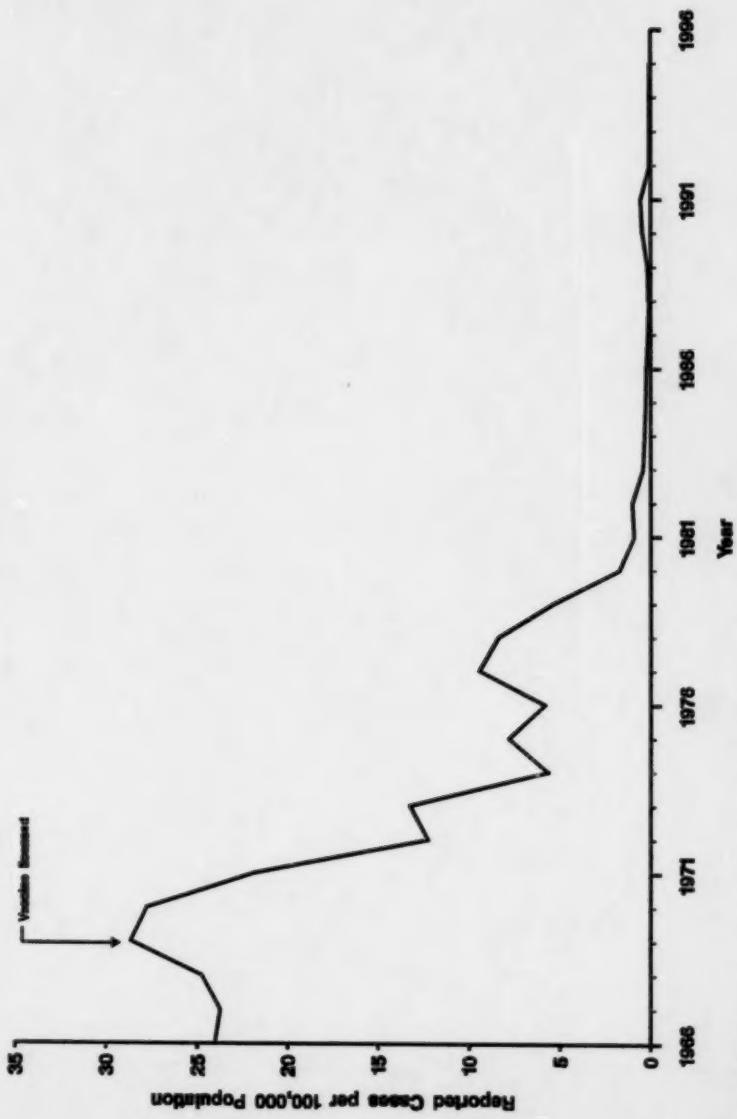
The number of cases of rabies in animals declined for the second consecutive year mainly because lower numbers of cases in raccoons were reported in the eastern United States.

GRAPHS AND MAPS

ROCKY MOUNTAIN SPOTTED FEVER (RMSF) — by year, United States, 1965–1995



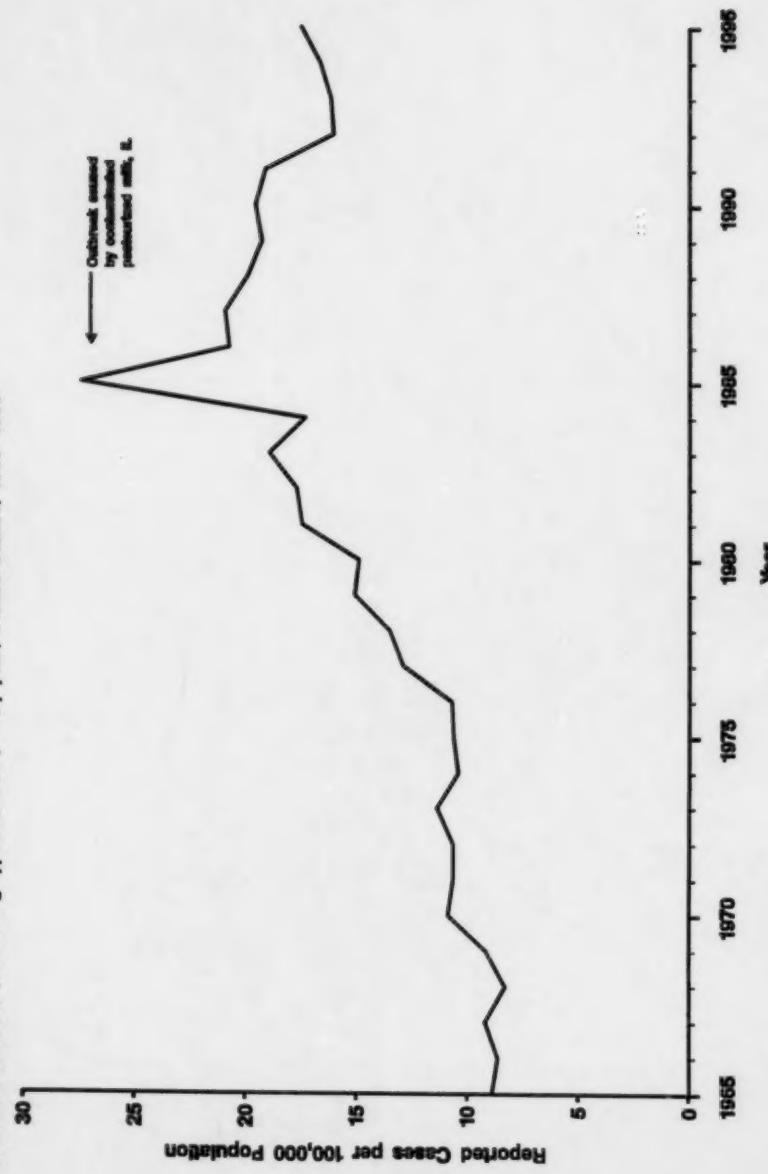
## RUBELLA (German measles) — by year, United States, 1966–1995



In 1995, 128 cases of rubella were reported in the United States, which is the lowest number ever reported.

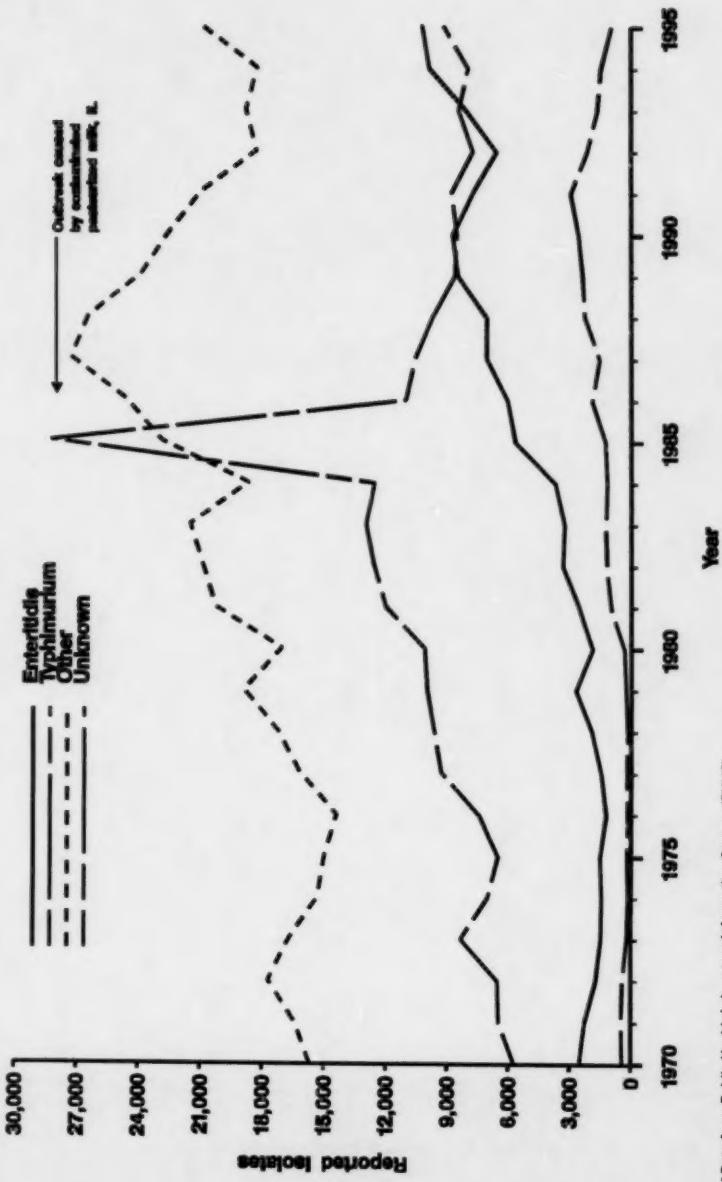
## GRAPHS AND MAPS

### SALMONELLOSIS (excluding typhoid fever) — by year, United States, 1965–1995



Egg-associated *Salmonella* serotype Enteritidis is the most common *Salmonella* serotype in the country; it accounts for 25% of all salmonellosis reported in humans.

## SALMONELLA—serotype of isolate by year,\* United States, 1970–1995

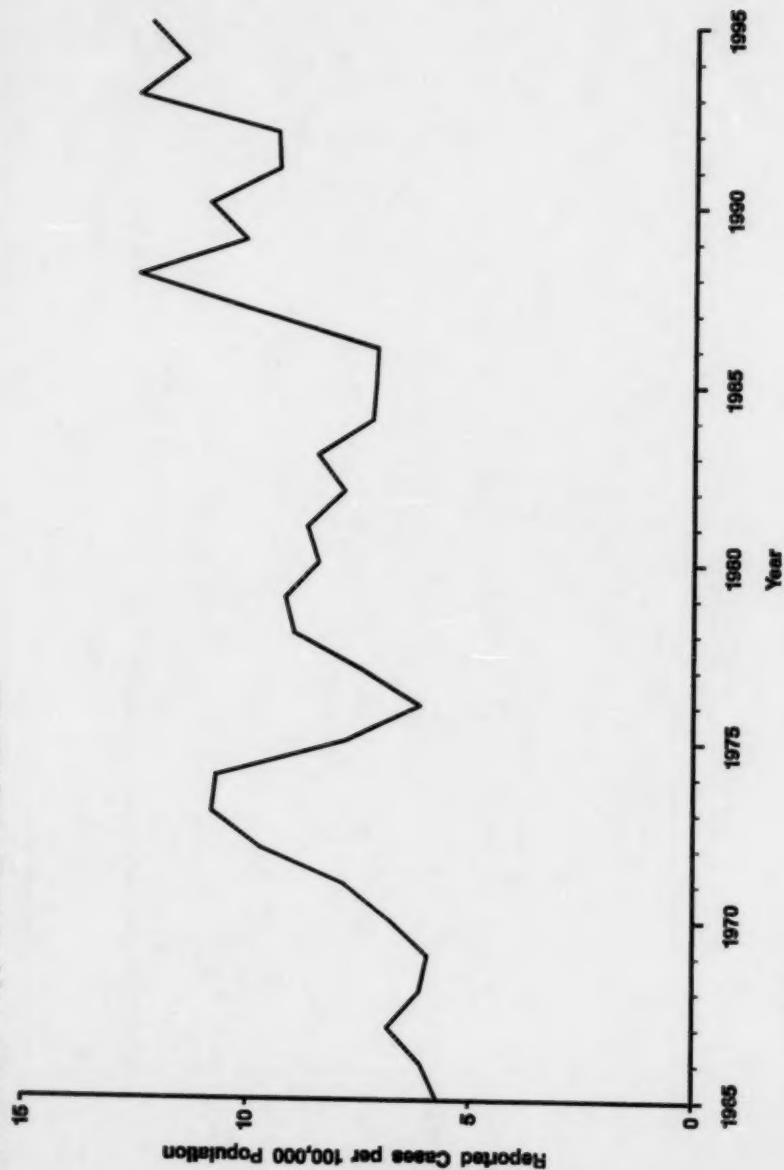


\* Data from Public Health Laboratory Information System (PHLIS).

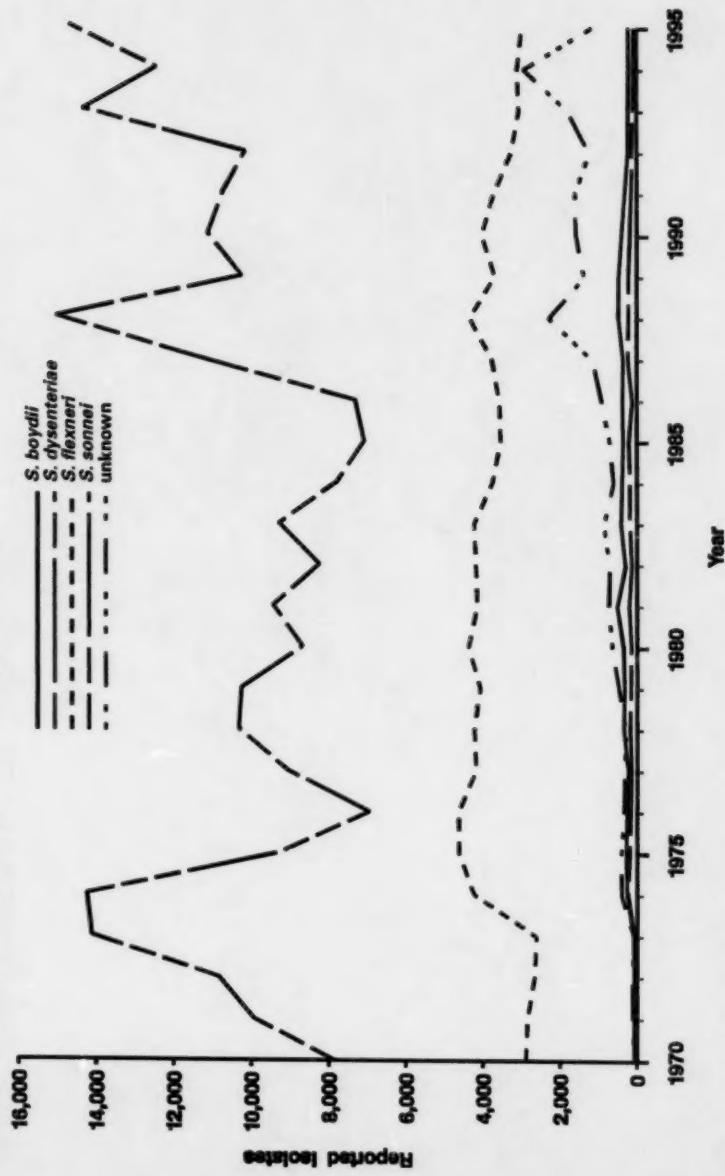
In 1995, 25% of all U.S. cases of salmonellosis attributable to *Salmonella* serotype Enteritidis were reported from California. This represented a rapid increase in the number of *Salmonella* Enteritidis isolations in California and was linked to the emergence of a new strain (i.e., phage type 4).

GRAPHS AND MAPS

SHIGELLOSIS — by year, United States, 1965–1995



SHIGELLA—species of isolate by year,\* United States, 1970–1995

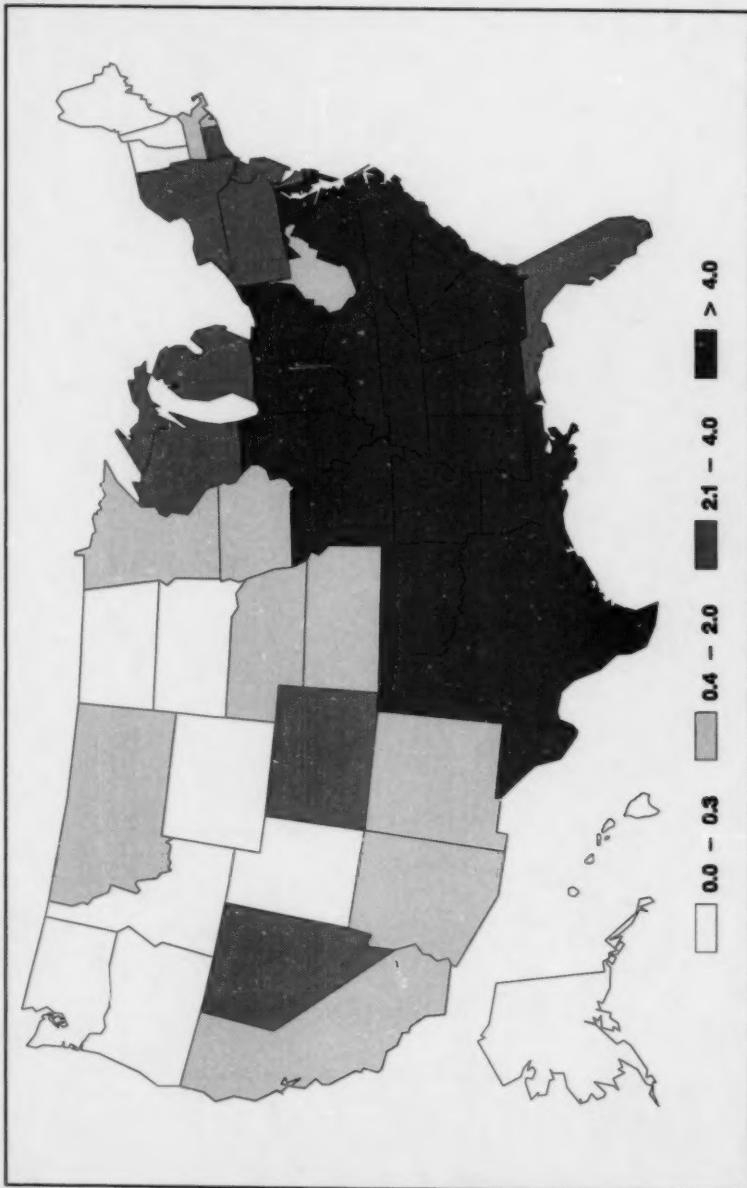


\* Data from Public Health Laboratory Information System (PHLIS).

Community outbreaks of shigellosis attributable to *Shigella sonnei* often involve multiple child-care centers and continue to be a substantial public health problem.

## GRAPHS AND MAPS

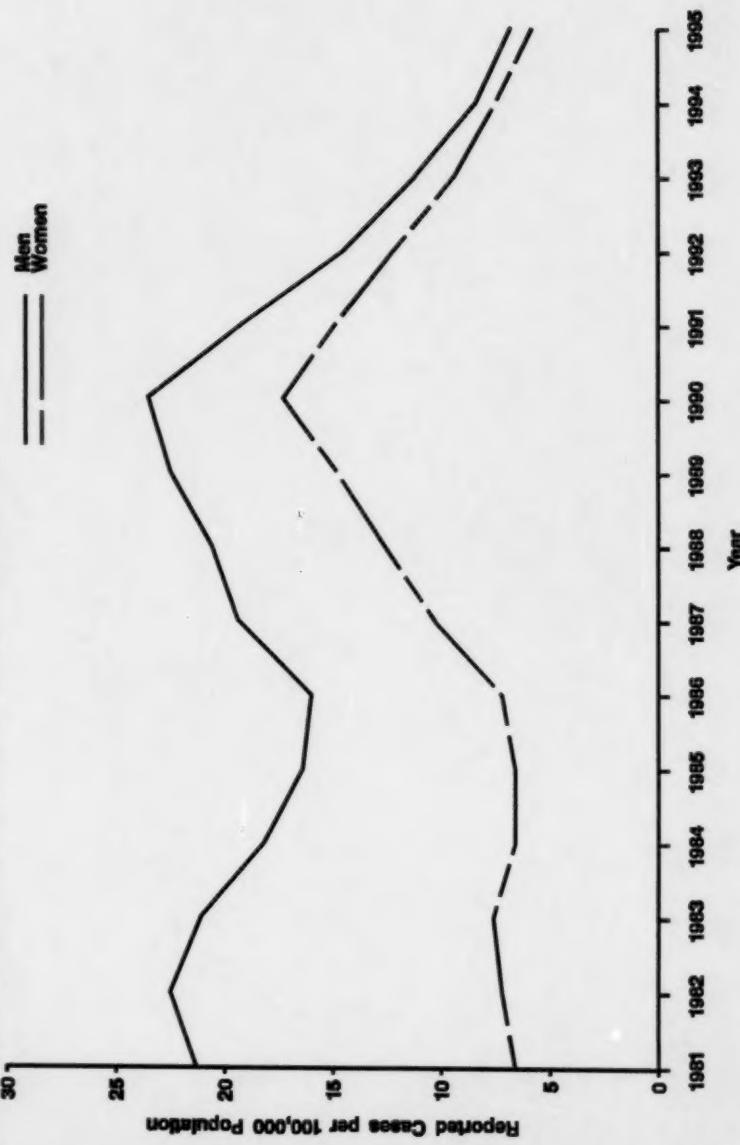
**SYphilis (primary and secondary) — reported cases, per 100,000 population, United States, 1995**



\* NOTE: The Year 2000 Objective is ≤4.0 per 100,000 population.

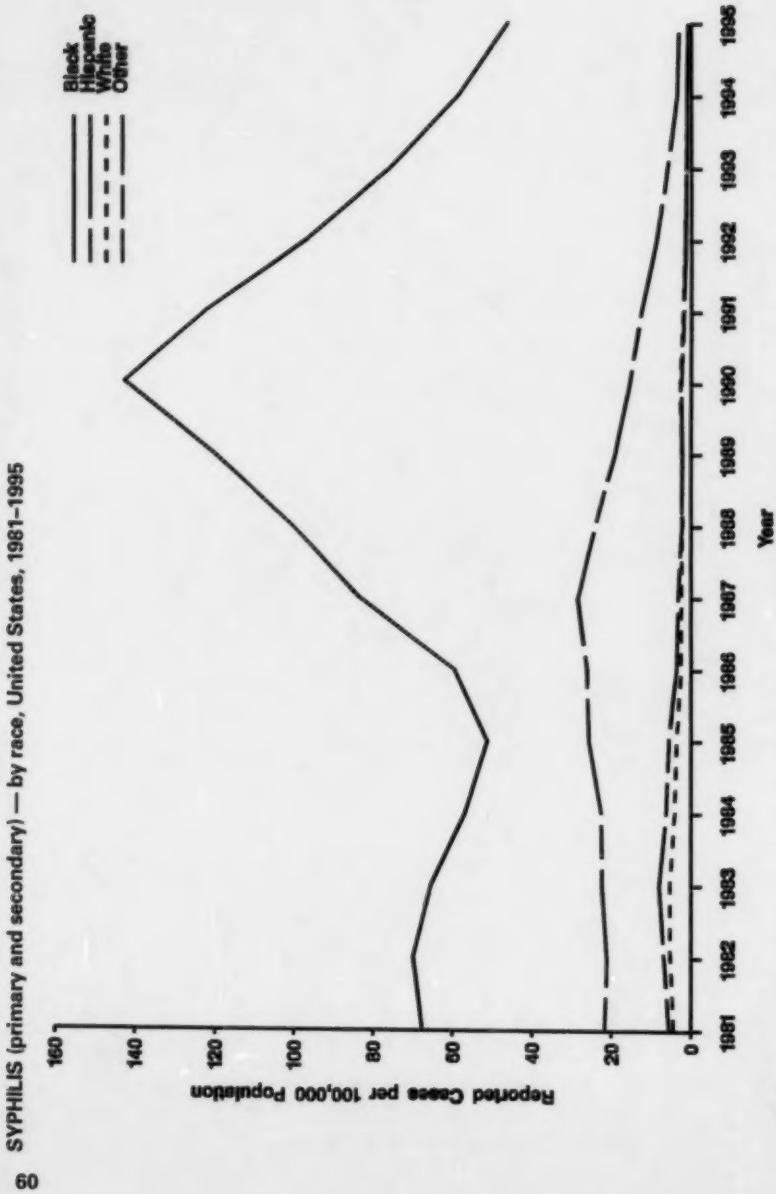
In 1995, the U.S. rate of primary and secondary syphilis was 6.3 per 100,000 population. However, 33 states reported rates that were below the revised national Healthy People 2000 objective; 12 states reported fewer than five cases.

## SYPHILIS (primary and secondary) — by sex, United States, 1981-1995



The rate of primary and secondary syphilis continued to decline. In men, the rate decreased from 8.4 per 100,000 in 1994 to 5.8 in 1995, decreased from 7.5 per 100,000 in 1994 to 5.8 in 1995.

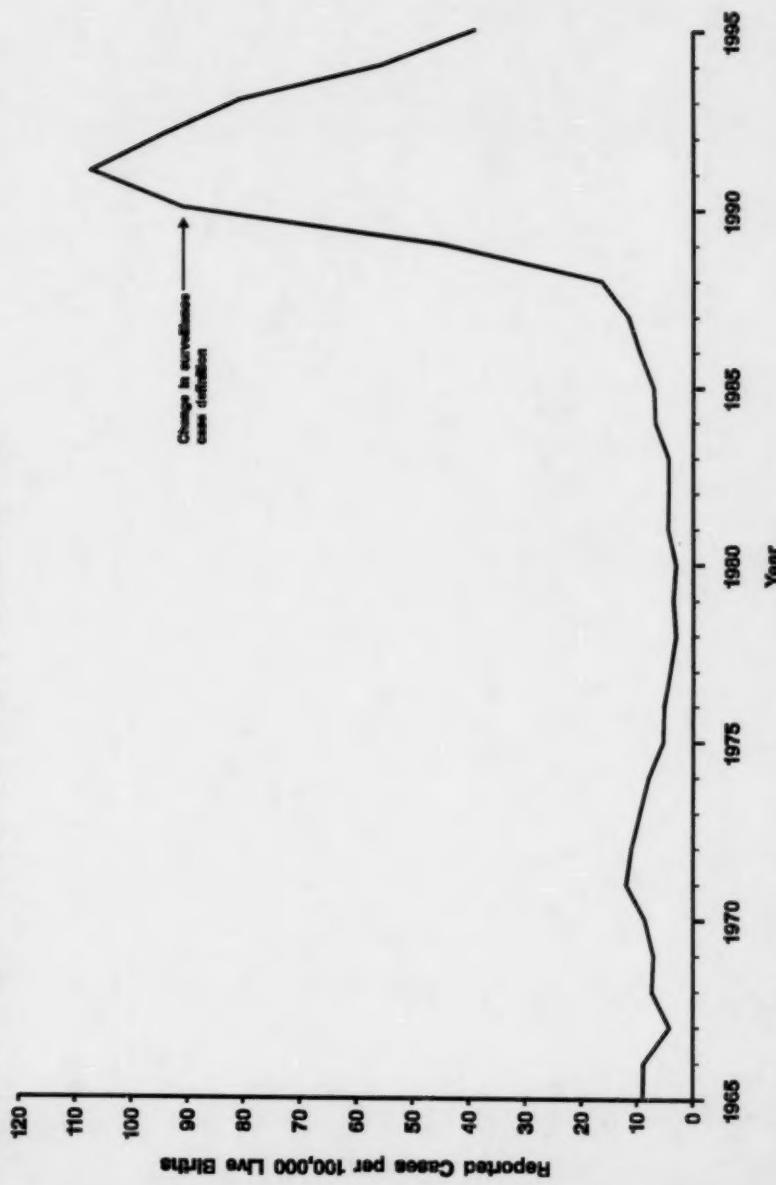
## GRAPHS AND MAPS



Since 1990, the reported rates of primary and secondary syphilis for all racial and ethnic groups have declined. In 1995, however, the rate for non-Hispanic blacks (i.e., 46.2 cases per 100,000 population) was 58 times greater than that for non-Hispanic whites.

## GRAPHS AND MAPS

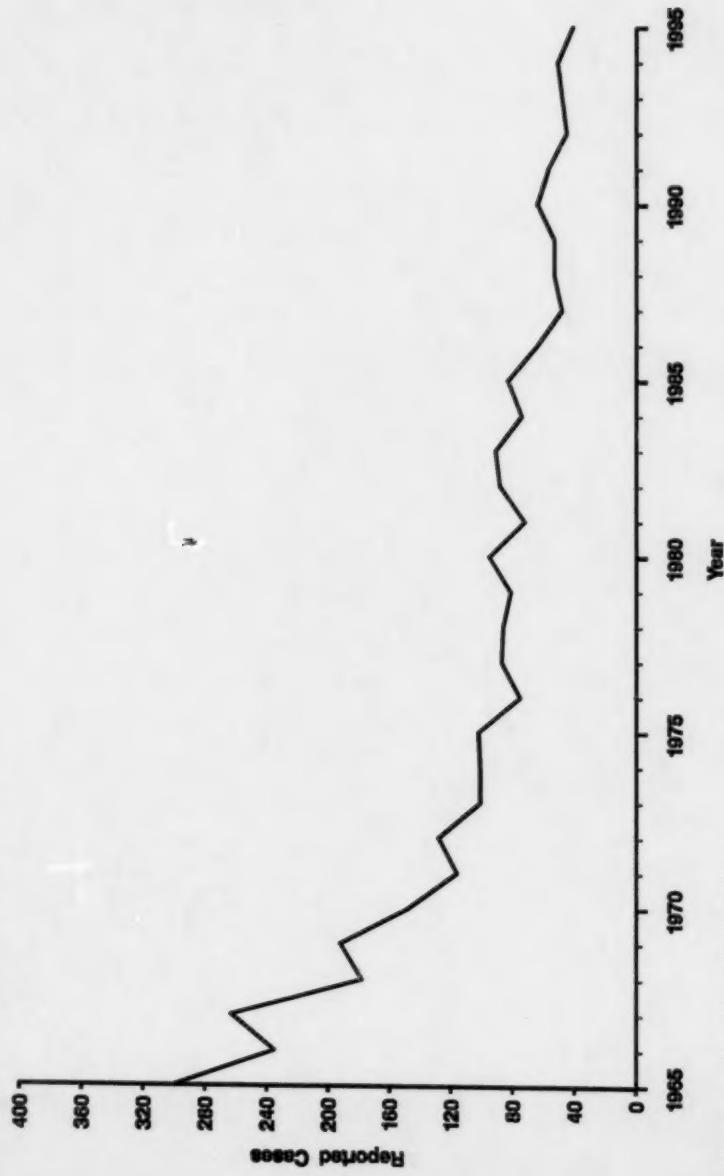
CONGENITAL SYPHILIS — in infants <1 year of age, United States, 1965–1995



The rate of congenital syphilis decreased from 55.6 cases per 100,000 live births in 1994 to 39.0 in 1995.

GRAPHS AND MAPS

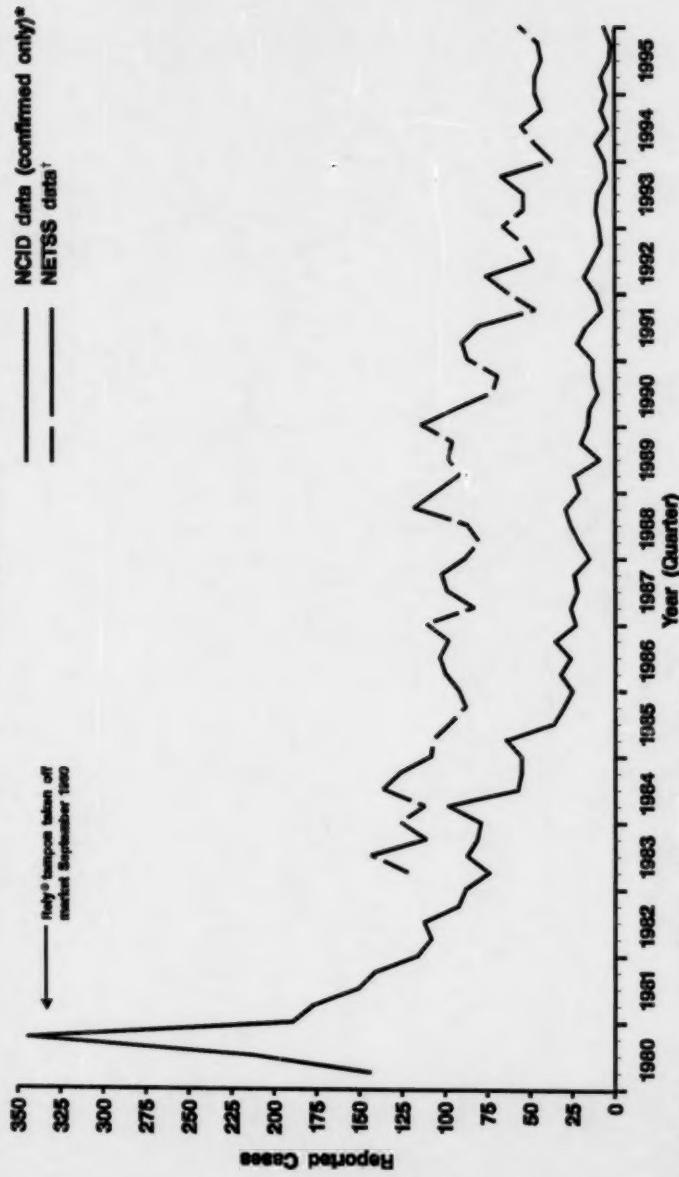
62 TETANUS—by year, United States, 1965–1995



NOTE: Tetanus toxoid was first available in 1933.  
In the United States, the 1996 goal for the number of cases of tetanus disease among children and adolescents <15 years of age is zero. In 1995, three cases (including one neonatal case) were reported among children <10 years of age.

## GRAPHS AND MAPS

### TOXIC-SHOCK SYNDROME (TSS) — by quarter, United States, 1980–1995



\* Includes only cases that meet the CDC case definition for *staphylococcal* TSS.

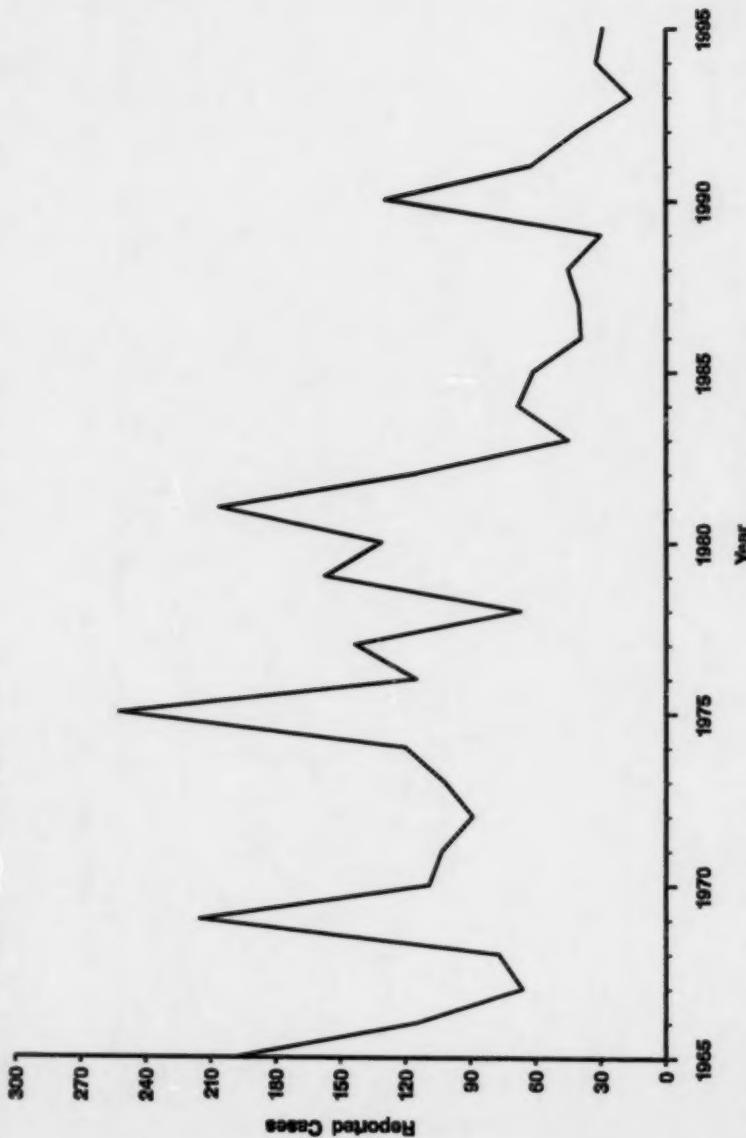
† TSS data was first available through NETSS in 1983.

In 1995, a total of 19 confirmed cases (including two fatal cases) and 18 probable cases were reported to the National Center for Infectious Diseases, CDC.

GRAPHS AND MAPS

TRICHINOSIS — by year, United States, 1965–1995

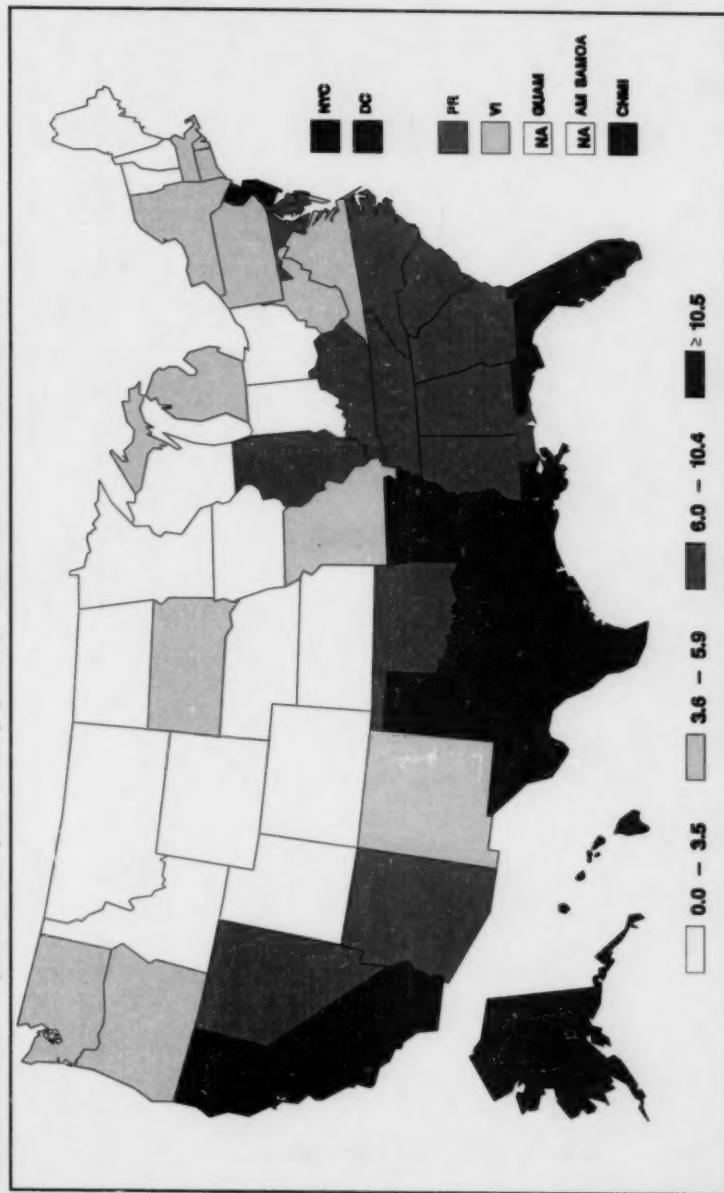
64



In 1995, 28 cases of trichinosis were reported; this is below the mean number reported during 1990–1994.

GRAPHS AND MAPS

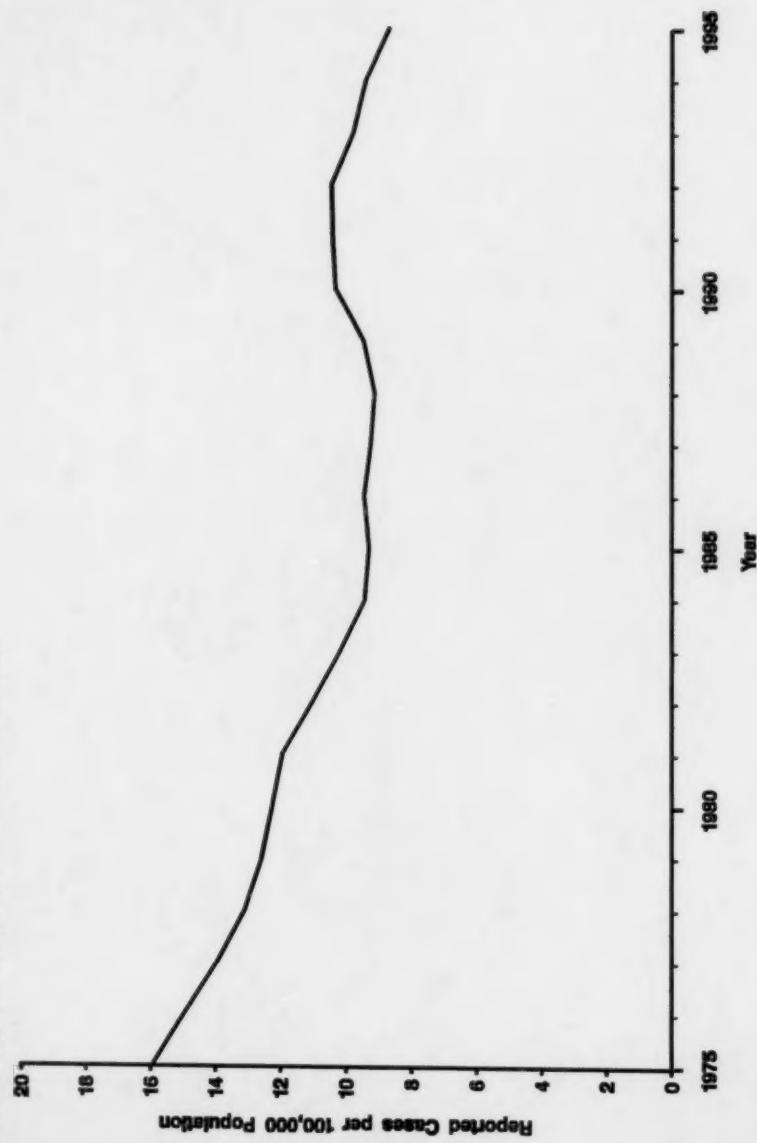
TUBERCULOSIS — reported cases, per 100,000 population, United States and territories, 1995



In 1995, 16 states had tuberculosis rates of ≥3.5 cases per 100,000, which is the interim tuberculosis goal for the year 2000.

## GRAPHS AND MAPS

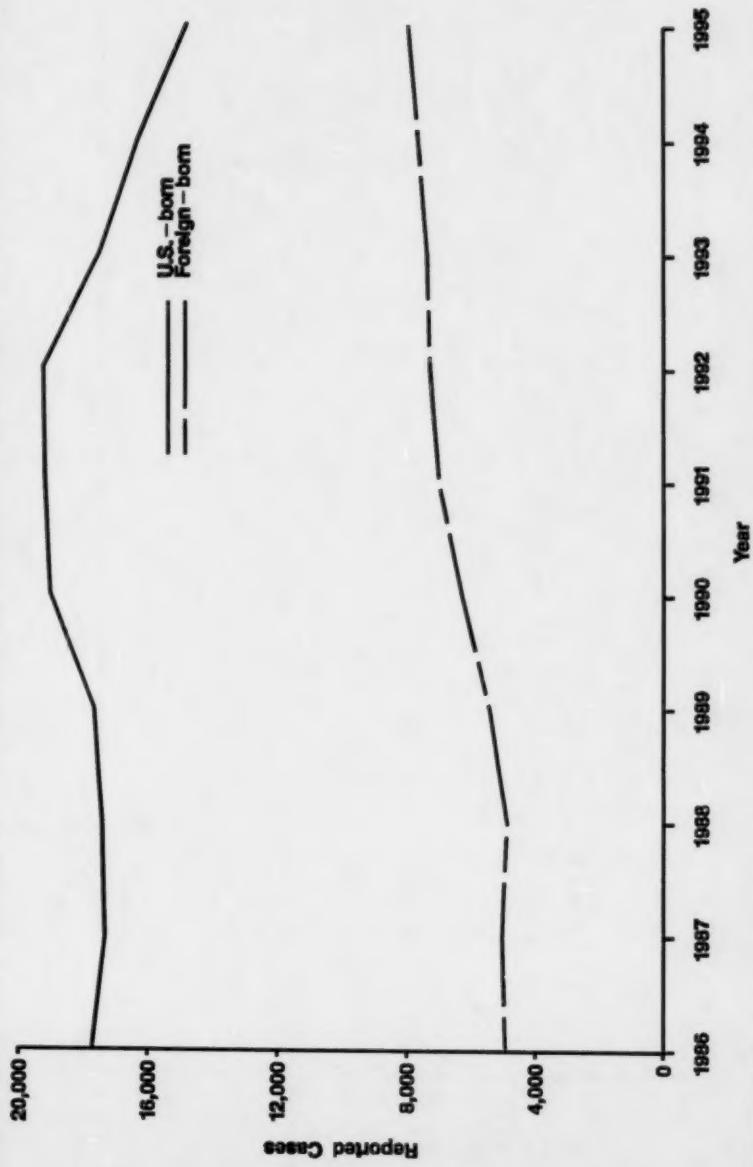
TUBERCULOSIS — by year, United States, 1975–1995



In 1995, 22,860 cases of tuberculosis in the United States were reported to CDC; this represents a 6.2% decrease from 1994.

## GRAPHS AND MAPS

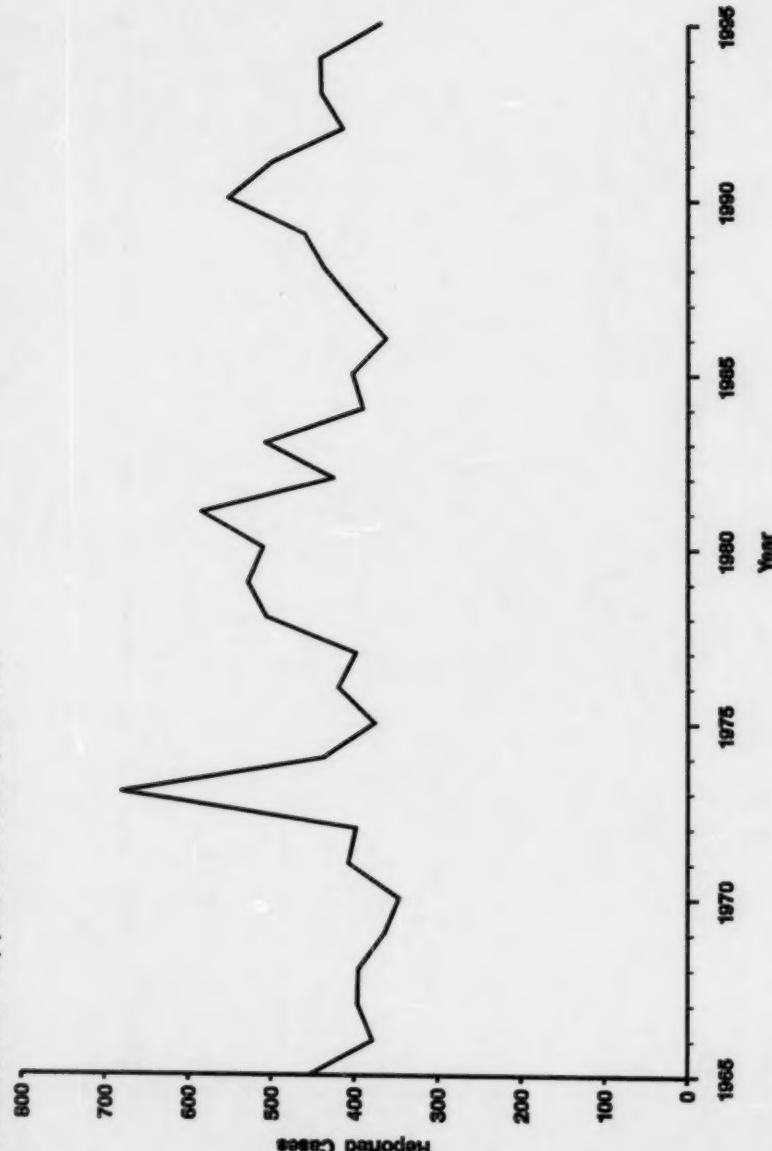
TUBERCULOSIS — by year, among persons born in the United States and foreign-born persons, United States, 1986-1995



The reported number (and percentage) of tuberculosis cases among foreign-born persons in the United States has increased from 4,925 (21.6%) in 1986 to 7,930 (34.7%) in 1995.

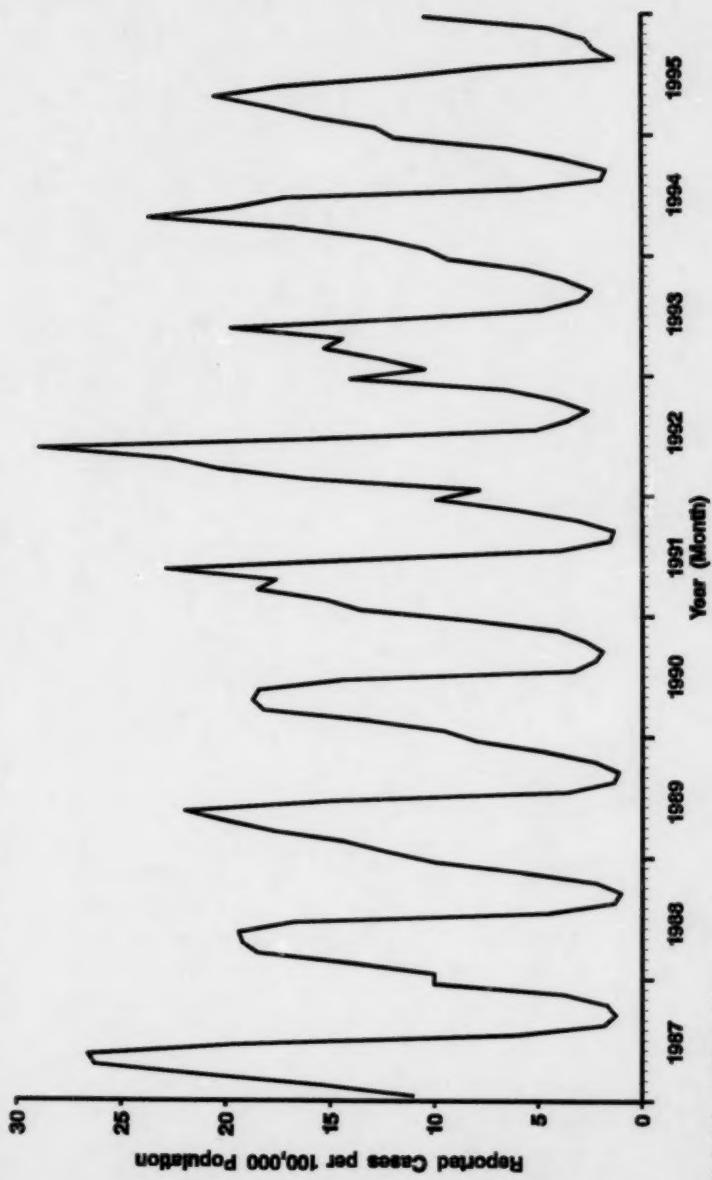
## GRAPHS AND MAPS

TYPHOID FEVER — by year, United States, 1965–1995



## GRAPHS AND MAPS

VARICELLA (chickenpox) — by month, United States,\* 1987-1995

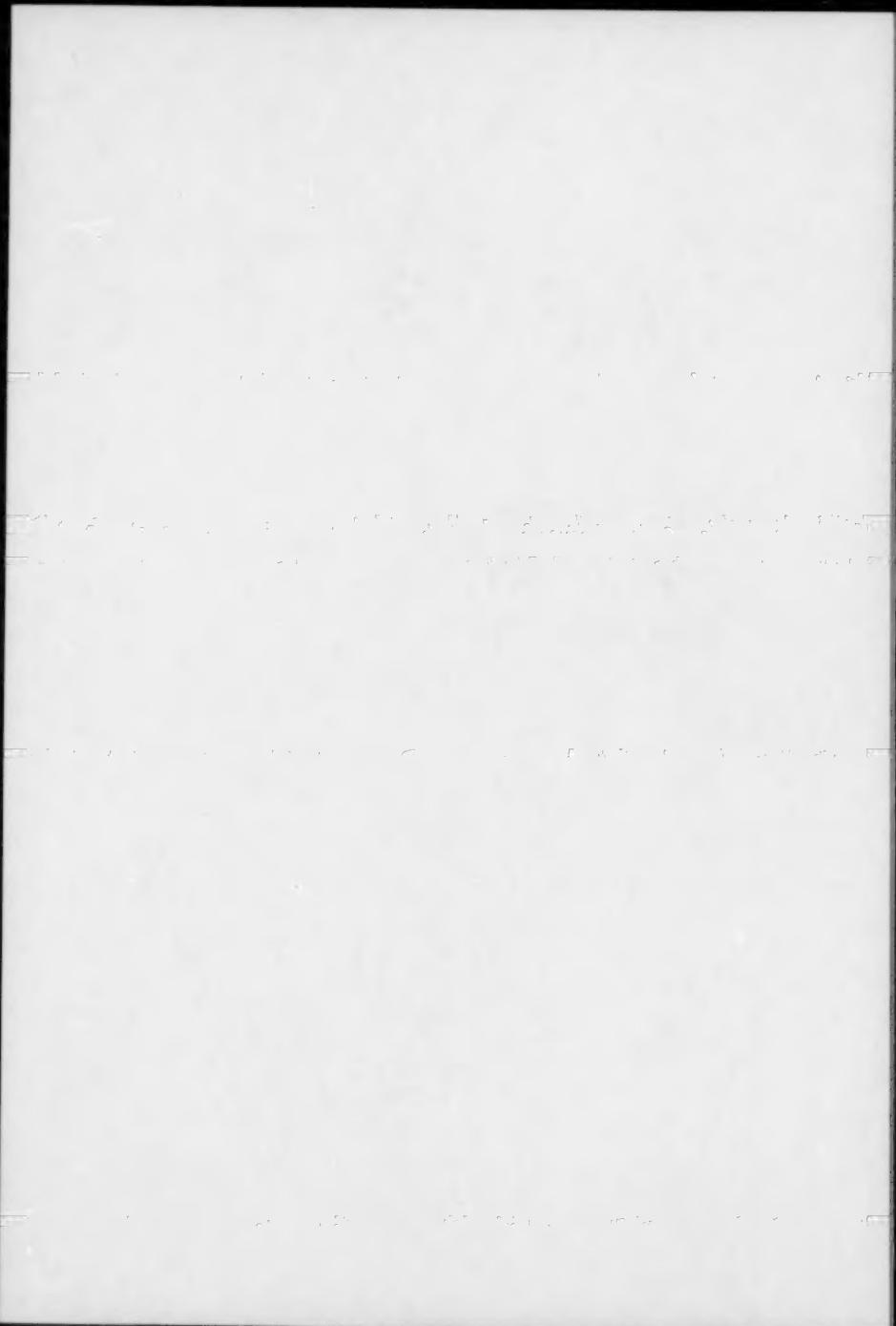


\*Varicella is reportable in 21 states.  
Approximately 3.7 million cases of varicella occur annually in the United States; of these, an estimated 4%-5% are reported.



# **PART 3:**

## **Historical Summary Tables**



## HISTORICAL TABLES — 1986-1995

**TABLE 1. NOTIFIABLE DISEASES — summary of reported cases, per 100,000 population, United States, 1986-1995**

| Disease*  | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   | 1994   | 1995   |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| AIDS*   | 5.36   | 8.66   | 12.61  | 13.58  | 16.72  | 17.37  | 17.83  | 40.20  | 30.07  | 27.20  |
| Amebiasis   | 1.47   | 1.33   | 1.20   | 1.34   | 1.38   | 1.23   | 1.21   | 1.21   | 0.90   | 0.90   |
| Anthrax   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| Aseptic meningitis                                | 4.72   | 4.72   | 2.94   | 4.14   | 4.77   | 6.26   | 5.08   | 5.39   | 3.71   | 0.04   |
| Boutillier, total (including wound and unsp.)     | 0.05   | 0.03   | 0.03   | 0.04   | 0.04   | 0.04   | 0.05   | 0.04   | 0.08   | 0.01   |
| Foodborne   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.02   |
| Brucellosis                                       | 0.04   | 0.05   | 0.04   | 0.04   | 0.03   | 0.04   | 0.04   | 0.05   | 0.05   | 0.05   |
| Chancroid   |        |        |        |        |        |        |        |        |        | 0.05   |
| Chlamydia†  |        |        |        |        |        |        |        |        |        | 182.00 |
| Cholera   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| Diphtheria  | 0.54   | 0.58   | 0.36   | 0.40   | 0.54   | 0.48   | 0.30   | 0.38   | 0.28   | 0.00   |
| Escherichia coli, primary                         | 0.05   | 0.05   | 0.05   | 0.04   | 0.04   | 0.03   | 0.05   | 0.07   | 0.06   | 0.00   |
| Post-infectious                                   |        |        |        |        |        |        |        |        |        | 1.01   |
| <i>Escherichia coli</i> O157:H7                   |        |        |        |        | **     |        |        |        |        |        |
| Gonorrhea   | 376.37 | 323.14 | 288.74 | 297.96 | 276.60 | 249.48 | 201.80 | 172.40 | 168.40 | 149.30 |
| Granuloma inguinale                               | 0.03   | 0.01   | 0.00   | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   | 0.00   |
| Haemophilus influenzae, invasive                  | 0.11   | 0.10   | 0.07   | 0.07   | 0.08   | 0.10   | 0.06   | 0.06   | 0.05   | 0.45   |
| Hansen disease (leprosy)                          | 10.02  | 10.38  | 11.80  | 14.43  | 12.84  | 9.67   | 9.06   | 9.40   | 10.29  | 12.13  |
| Hepatitis A                                       | 11.17  | 10.65  | 9.43   | 9.43   | 8.48   | 7.14   | 6.32   | 5.18   | 4.81   | 4.19   |
| Hepatitis B                                       | 1.56   | 1.23   | 1.03   | 1.02   | 1.03   | 1.42   | 2.36   | 1.86   | 1.78   | 1.76   |
| Hepatitis, Chon-A, non-B††                        | 1.69   | 1.27   | 1.60   | 0.93   | 0.87   | 0.75   | 0.25   | 0.24   | 0.17   | 0.17   |
| Hepatitis, unspecified                            | 0.43   | 0.43   | 0.44   | 0.48   | 0.55   | 0.53   | 0.53   | 0.50   | 0.63   | 0.48   |
| Legionnaires disease                              | 0.02   | 0.02   | 0.02   | 0.04   | 0.03   | 0.02   | 0.02   | 0.02   | 0.02   | 0.02   |
| Leprosy   |        |        |        |        |        |        |        |        |        | 4.49   |
| Lyme disease                                      |        |        |        |        |        |        |        |        |        |        |
| Malaria   | 0.16   | 0.13   | 0.07   | 0.08   | 0.10   | 0.19   | 0.10   | 0.10   | 0.10   | 0.10   |
| Measles   | 0.67   | 0.39   | 0.51   | 0.51   | 0.52   | 0.51   | 0.43   | 0.45   | 0.47   | 0.56   |
| Meningoencephalitis                               | 2.61   | 1.50   | 1.38   | 7.33   | 11.17  | 3.82   | 0.98   | 0.12   | 0.12   | 0.12   |
| Meningococcal disease                             | 1.08   | 1.20   | 1.21   | 1.10   | 0.99   | 0.94   | 1.02   | 1.11   | 1.11   | 1.26   |
| Mumps   | 3.37   | 5.43   | 2.05   | 2.34   | 2.07   | 1.72   | 1.03   | 0.86   | 0.60   | 0.36   |
| Murine typhus fever                               | 0.03   | 0.02   | 0.02   | 0.02   | 0.02   | 0.02   | 0.01   | 0.01   | 0.01   | 0.00   |
| Pertussis (whooping cough)                        | 1.74   | 1.16   | 1.40   | 1.67   | 1.84   | 1.08   | 1.60   | 2.55   | 1.77   | 1.97   |
| Pleure  | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   | 0.01   | 0.00   | 0.00   | 0.00   |
| Polyomyelitis, paralytic                          | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.03   |
| Poliocystosis                                     | 0.09   | 0.04   | 0.06   | 0.05   | 0.06   | 0.04   | 0.04   | 0.02   | 0.02   | 0.00   |
| Rabies, human                                     | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| Rheumatic fever, acute                            | 0.12   | 0.13   | 0.14   | 0.13   | 0.13   | 0.12   | 0.08   | 0.09   | 0.09   | 0.09   |
| Rocky Mountain spotted fever                      | 0.32   | 0.25   | 0.25   | 0.26   | 0.26   | 0.25   | 0.20   | 0.18   | 0.18   | 0.23   |
| Rubella (German measles)                          | 0.23   | 0.13   | 0.09   | 0.16   | 0.45   | 0.56   | 0.06   | 0.07   | 0.08   | 0.05   |
| Saint Louis encephalitis, excluding typhoid fever | 20.73  | 20.92  | 19.91  | 18.26  | 19.54  | 19.10  | 16.04  | 16.15  | 16.84  | 17.66  |
| Shigella  | 7.11   | 9.80   | 12.46  | 10.07  | 10.89  | 9.34   | 9.38   | 11.44  | 12.31  | 12.31  |
| Stphilis  | 11.65  | 14.54  | 16.43  | 18.07  | 20.10  | 17.26  | 13.70  | 10.40  | 8.10   | 6.30   |
| Total, all stages                                 | 28.50  | 35.81  | 42.37  | 44.94  | 53.80  | 51.69  | 45.30  | 39.70  | 32.00  | 26.20  |
| Tetanus   | 0.03   | 0.02   | 0.02   | 0.02   | 0.03   | 0.02   | 0.02   | 0.02   | 0.02   | 0.02   |
| Toxic-shock syndrome                              | 0.19   | 0.15   | 0.16   | 0.16   | 0.13   | 0.11   | 0.11   | 0.08   | 0.10   | 0.07   |
| Trichinosis                                       | 0.02   | 0.02   | 0.02   | 0.01   | 0.05   | 0.02   | 0.02   | 0.01   | 0.01   | 0.01   |
| Tuberculosis                                      | 9.44   | 9.25   | 9.13   | 9.46   | 10.33  | 10.42  | 10.46  | 9.82   | 9.36   | 8.70   |
| Tularemia   | 0.07   | 0.09   | 0.08   | 0.06   | 0.06   | 0.08   | 0.06   | 0.05   | 0.04   | 0.04   |
| Typhoid fever                                     | 0.15   | 0.16   | 0.19   | 0.22   | 0.20   | 0.16   | 0.17   | 0.17   | 0.17   | 0.14   |
| Vaccinia (chickenpox)††                           | 122.42 | 136.88 | 122.43 | 121.77 | 120.06 | 135.82 | 176.54 | 118.54 | 138.76 | 118.11 |
| Yellow fever                                      |        |        |        |        |        |        |        |        |        |        |

NOTE: Rates <0.01 after rounding are listed as 0.00.

\*Acquired immunodeficiency syndrome (AIDS).

†No longer nationally notifiable.

‡Data 1991-1995 post-contract estimates were used to calculate 1995 rates.

§Chlamydia refers to genital infections caused by *C. trachomatis*.

\*\*Not previously nationally notifiable.

††Anti-HCV antibody test became available May 1990.

¶Not nationally notifiable.

\*\*Last indigenous case reported in 1911; last imported case, 1924.

TABLE 2. NOTIFIABLE DISEASES — Summary of reported cases, United States, 1988-1995

| Disease                                     | 1988    | 1989    | 1990                  | 1991    | 1992    | 1993    | 1994                 | 1995                |
|---|---------|---------|-----------------------|---------|---------|---------|----------------------|---------------------|
| AIDS  | 31,001  | 33,722  | 41,595                | 43,672  | 45,472  | 103,533 | 78,279               | 71,547 <sup>†</sup> |
| Anthrax                                     | 2,860   | 3,217   | 3,326                 | 2,969   | 2,942   | 2,970   | 2,983                | -                   |
| Aseptic meningitis                          | 2       | -       | -                     | -       | 1       | -       | -                    | -                   |
| Botulism, total (including wound and unsp.) | 7,234   | 10,274  | 11,852                | 14,526  | 12,223  | 12,848  | 8,932                | 7,143 <sup>†</sup>  |
| Faecalborne                                 | 84      | 89      | 92                    | 114     | 91      | 97      | 143                  | 97                  |
| Infant                                      | 50      | 60      | 23                    | 27      | 21      | 27      | 50                   | 24                  |
| Brucellosis                                 | 5,601   | 4,692   | 4,665                 | 3,044   | 1,886   | 1,205   | 1,119                | 988                 |
| Chancroid                                   | 8       | -       | -                     | -       | -       | -       | -                    | -                   |
| Chlamydia                                   | 2       | 3       | 4                     | 5       | 4       | 2       | 2                    | -                   |
| Cholera                                     | 1       | -       | -                     | -       | -       | -       | -                    | -                   |
| Diphtheria                                  | 882     | 981     | 1,341                 | 1,021   | 774     | 919     | 717                  | -                   |
| Encephalitis, primary                       | 121     | 88      | 105                   | 82      | 129     | 170     | 143                  | -                   |
| Post-infectious                             | -       | -       | -                     | -       | -       | -       | -                    | -                   |
| Escherichia coli O157:H7                    | 719,539 | 733,157 | 690,169 <sup>**</sup> | 620,478 | 501,409 | 439,673 | 418,088              | 2,139 <sup>†</sup>  |
| Gonorrhoea                                  | 11      | 7       | 97                    | 2,744   | 1,412   | 1,418   | 392,848 <sup>†</sup> | -                   |
| Granuloma inguinale                         | -       | -       | -                     | -       | -       | -       | -                    | -                   |
| Haemophilus influenzae, invasive            | 184     | 163     | 198                   | 154     | 172     | 187     | 1,174                | 1,100               |
| Hansen disease (leprosy)                    | 28,507  | 35,801  | 31,441                | 24,376  | 23,112  | 24,338  | 1,144                | -                   |
| Hepatitis A                                 | 23,177  | 23,419  | 21,102                | 16,003  | 16,126  | 13,361  | 12,517               | 10,805 <sup>†</sup> |
| Hepatitis B, C (non-A, non-B) <sup>††</sup> | 2,619   | 2,529   | 2,553                 | 3,882   | 6,010   | 4,786   | 4,470                | 4,576 <sup>†</sup>  |
| Hepatitis, unspecified                      | 2,470   | 2,306   | 1,671                 | 1,260   | 884     | 627     | 444                  | -                   |
| Leptospirosis                               | 1,086   | 1,190   | 1,370                 | 1,317   | 1,339   | 1,280   | 1,616                | 1,241               |
| Lyme disease                                | 54      | 93      | 77                    | 58      | 54      | 51      | 38                   | -                   |
| Malaria                                     | -       | -       | -                     | -       | -       | -       | -                    | -                   |
| Measles (rubella) <sup>†</sup>              | 1,099   | 1,277   | 1,282                 | 1,087   | 1,411   | 1,229   | 1,419                | -                   |
| Meningococcal disease                       | 3,396   | 18,193  | 27,786                | 8,643   | 3,132   | 983     | 2,867                | 2,243               |
| Mumps                                       | 2,984   | 2,727   | 2,451                 | 2,130   | 2,134   | 2,637   | 2,886                | 3,906               |
| Murine typhus fever                         | 4,886   | 5,712   | 5,292                 | 4,284   | 1,692   | 1,537   | -                    | -                   |
|   | 84      | 41      | 80                    | 43      | 28      | 28      | -                    | -                   |

## HISTORICAL TABLES — 1988–1995

**\*The total number of immunodeficiency syndrome (AIDS) cases includes all cases reported to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NICHSTB), through December 31, 1995.**

<sup>†</sup> Prevention (NCHSIR) through December 31, 1992.

Cases were updated through the Division of Sexually Transmitted Diseases. Chlamydia refers to genital infections caused by *C. trachomatis*.

Community refers to general infections caused by *C. trachomatis*.  
\*\*Not previously nationally notifiable.

**†** Anti-HCV antibody test available March 1990.

**CONFIRMATION OF THESE CASES IS PENDING REVIEW BY AN EXTERNAL PANEL.**

**Varicella** was taken off the nationally notifiable disease list in 1981. Many states continue to report these cases to CDC. Cases were updated through the division of Tuberculosis Elimination, NCHHS; as of May 29, 1980.

Whichever way turns out to be more effective, it will be up to the government to decide what to do.

TABLE 3. NOTIFIABLE DISEASES — summary of reported cases, United States, 1980-1987

| Disease*                                    | 1980      | 1981    | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|
| AIDS*                                       | 5,271     | 6,632   | 7,304   | 6,658   | 4,445   | 8,249   | 12,932  | 21,070  |
| Amebiasis                                   | 1         | —       | —       | —       | 5,252   | 4,433   | 3,532   | 3,123   |
| Anthrax                                     | —         | 9,847   | 9,880   | 12,986  | 1       | —       | —       | 1       |
| Aseptic meningitis                          | 8,028     | 103     | 9,797   | 133     | 8,326   | 10,639  | 11,374  | 11,487  |
| Botulism, total (including wound and unsp.) | 89        | —       | 97      | —       | 123     | 122     | 169     | 82      |
| Foodborne                                   | —         | —       | —       | —       | —       | 49      | 23      | 17      |
| Infant                                      | —         | —       | —       | —       | —       | 70      | 79      | 59      |
| Brucellosis                                 | 163       | 186     | 173     | 200     | 131     | 153     | 106     | 129     |
| Chancroid                                   | 788       | 860     | 1,392   | 847     | 685     | 2,087   | 3,786   | 4,398   |
| Chikungunya                                 | 9         | 19      | —       | 1       | —       | 4       | 23      | 6       |
| Diphtheria                                  | 3         | 5       | 2       | 5       | 1       | —       | —       | 3       |
| Encephalitis, primary†                      | 1,362     | 1,492   | 1,484   | 1,761   | 1,257   | 1,376   | 1,302   | 1,418   |
| Post-infectious‡                            | 40        | 43      | 36      | 34      | 106     | 161     | 124     | 121     |
| Gonorrhea                                   | 1,004,029 | 990,864 | 960,333 | 900,435 | 878,556 | 911,419 | 900,868 | 780,905 |
| Granuloma inguinale                         | 61        | 66      | 17      | 24      | 30      | 44      | 61      | 22      |
| Hansen disease (leprosy)                    | 223       | 256     | 250     | 259     | 280     | 361     | 270     | 238     |
| Hepatitis A (infectious)                    | 29,087    | 25,***  | 23,403  | 21,532  | 22,040  | 23,210  | 23,430  | 25,280  |
| Hepatitis B (serum)                         | 19,015    | 21,1**  | 22,177  | 24,318  | 26,115  | 26,611  | 26,107  | 25,916  |
| Hepatitis, non-A, non-B                     | —         | —       | —       | —       | 3,471   | 4,184   | 3,634   | 2,399   |
| Hepatitis, unspecified                      | 11,684    | 10,975  | 8,864   | 7,149   | 5,531   | 5,517   | 3,940   | 3,102   |
| Legionellosis*                              | 475       | 408     | 654     | 852     | 750     | 830     | 980     | 1,038   |
| Leptospirosis                               | 85        | 82      | 100     | 61      | 40      | 57      | 41      | 43      |
| Lymphogranuloma venereum                    | 189       | 263     | 235     | 170     | 226     | 396     | 303     | 944     |
| Malaria                                     | 2,082     | 1,388   | 1,068   | 813     | 1,007   | 1,049   | 1,123   | 3,655   |
| Measles (rubella)                           | 13,506    | 3,124   | 1,714   | 1,497   | 2,587   | 2,822   | 6,282   | 3,655   |
| Meningococcal disease                       | 2,840     | 3,525   | 3,056   | 2,738   | 2,746   | 2,439   | 2,594   | 2,930   |
| Mumps                                       | 8,576     | 4,944   | 5,270   | 3,355   | 3,021   | 2,912   | 7,790   | 12,248  |
| Nutrie lymph fever                          | 91        | 61      | 1,58    | 62      | 53      | 37      | 67      | 44      |
| Pertussis (whooping cough)                  | 1,730     | 1,248   | 1,085   | 2,463   | 2,276   | 3,588   | 4,196   | 2,823   |

## HISTORICAL TABLES — 1980-1987

|  | 18      | 13      | 19      | 40      | 31      | 17      | 10      | 11*     | 12    |
|--|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| Plague                                 | 9       | 6       | 8       | 15      | 8       | 9       | 9       | 9       | 9     |
| Poliomyelitis, total                   | 9       | 10      | 11      | 13      | 9       | 7       | 224     | 224     | 98    |
| Paralytic                              | 124     | 136     | 182     | 142     | 172     | 119     | 5,565   | 5,564   | 4,656 |
| Patterson                              | 6,421   | 7,118   | 6,212   | 6,878   | 5,567   | 5,567   | -       | -       | 1     |
| Rabies, animal                         |         |         |         |         |         |         |         |         |       |
| Rabies, human                          |         |         |         |         |         |         |         |         |       |
| Rheumatic fever, acute                 | 432     | 264     | 137     | 86      | 2       | 3       | 1       | 147     | 141   |
| Rocky Mountain spotted fever           | 1,183   | 1,182   | 976     | 1,126   | 86      | 80      | 760     | 760     | 604   |
| Rubella (German measles)               | 3,904   | 2,077   | 2,326   | 970     | 752     | 630     | 561     | 561     | 366   |
| Rubella, congenital syndrome           | 50      | 19      | 7       | 22      | 5       | 5       | 14      | 14      | 5     |
| Salmonellosis, excluding typhoid fever | 33,715  | 39,980  | 40,936  | 44,250  | 40,861  | 65,347  | 49,984  | 50,918  |       |
| Shigellosis                            | 19,041  | 19,889  | 18,129  | 18,719  | 17,371  | 17,057  | 17,138  | 23,880  |       |
| Syphilis, primary and secondary        | 27,204  | 31,266  | 33,613  | 32,698  | 26,607  | 27,131  | 27,883  | 35,147  |       |
| Total, all stages                      | 68,832  | 72,799  | 75,579  | 74,637  | 69,888  | 67,563  | 68,215  | 86,545  |       |
| Tetanus                                | 95      | 72      | 88      | 91      | 74      | 83      | 64      | 48      |       |
| Toxic-shock syndrome                   |         | 1       | 115     | 502     | 482     | 384     | 412     | 372     |       |
| Trichinosis                            | 131     | 206     | 45      | 68      | 68      | 39      | 40      | 40      |       |
| Tuberculosis                           | 27,749  | 27,373  | 25,520  | 23,848  | 22,255  | 22,201  | 22,768  | 22,517  |       |
| Tularemia                              | 234     | —       | 275     | 310     | 291     | 177     | 170     | 214     |       |
| Typhoid fever                          | 510     | 584     | 425     | 507     | 380     | 402     | 362     | 400     |       |
| Varicella (chickenpox)                 | 190,884 | 200,766 | 167,423 | 177,462 | 221,983 | 178,182 | 183,243 | 213,196 |       |
| Yellow fever                           |         |         |         |         |         |         |         |         |       |

\* Acquired immunodeficiency syndrome (AIDS).

† Not previously notifiable nationally.

‡ Not reported as distinct categories during this period.

§ Beginning in 1984 data reflects change in categories for tabulating encephalitis reports that were recorded by date of report to state health departments. Data for previous years are from surveillance records reported by onset date.

\*\* Beginning in 1982 data were recorded by date of report to the state health department. Data for 1976-1981 are from surveillance records reported by onset date.

†† Categories other than paralytic are no longer reported.

.....Last indigenous case reported in 1911; last imported case, 1924.....

HISTORICAL TABLES — 1972-1979

TABLE 4. NOTIFIABLE DISEASES — summary of reported cases, United States, 1972-1979

| Disease                                     | 1972    | 1973    | 1974    | 1975    | 1976      | 1977      | 1978      | 1979      |
|---|---------|---------|---------|---------|-----------|-----------|-----------|-----------|
| Amebiasis                                   | 2,199   | 2,235   | 2,743   | 2,775   | 2,906     | 3,044     | 3,937     | 4,107     |
| Anthrax                                     | 2       | 2       | 2       | 2       | 2         | 6         | 6         | 6         |
| Aerobic meningitis                          | 4,634   | 4,846   | 3,197   | 4,475   | 3,610     | 4,789     | 6,573     | 8,754     |
| Botulism, total (including wound and unsp.) | 22      | 34      | 28      | 20      | 55        | 129       | 105       | 45        |
| Brucellosis                                 | 196     | 202     | 240     | 310     | 296       | 232       | 179       | 215       |
| Chancroid                                   | 1,414   | 1,165   | 945     | 700     | 628       | 455       | 521       | 840       |
| Cholera                                     | 1       | 1       | 272     | 307     | 128       | 3         | 12        | 1         |
| Diphtheria                                  | 152     | 228     | 1,164   | 4,084   | 1,414     | 76        | 59        | 59        |
| Encephalitis, primary                       | 1,059   | 1,613   | 2,116   | 2,377   | 1,417     | 1,361     | 1,504     | 1,504     |
| Pot-infectious                              | 243     | 354     | 906     | 1,211   | 1,757     | 1,119     | 1,78      | 84        |
| Gonorrhoea                                  | 767,215 | 842,621 | 906,621 | 999,937 | 1,001,984 | 1,002,219 | 1,013,436 | 1,004,776 |
| Granuloma inguinale                         | 81      | 62      | 47      | 60      | 71        | 75        | 72        | 72        |
| Hansen disease (leprosy)                    | 130     | 146     | 118     | 162     | 145       | 151       | 166       | 186       |
| Hepatitis A (infectious)                    | 54,074  | 50,749  | 43,358  | 35,855  | 33,268    | 31,153    | 29,500    | 30,407    |
| Hepatitis B (serum)                         | 9,462   | 8,451   | 10,631  | 13,121  | 14,973    | 16,831    | 15,016    | 15,457    |
| Hepatitis, unspecified                      | .....   | .....   | .....   | 7,158   | 7,488     | 8,630     | 8,776     | 10,534    |
| Legionelliosis                              | .....   | .....   | 8,351   | .....   | 235       | 359       | 761       | 893       |
| Leptospirosis                               | 41      | 57      | 68      | 93      | 73        | 71        | 110       | 94        |
| Lymphogranuloma venereum                    | 766     | 408     | 384     | 373     | 365       | 348       | 284       | 250       |
| Malaria                                     | 742     | 237     | 283     | 374     | 471       | 547       | 731       | 894       |
| Measles (rubiole)                           | 32,275  | 26,690  | 22,094  | 24,374  | 41,126    | 57,345    | 26,871    | 13,597    |
| Meningococcal disease                       | 1,323   | 1,378   | 1,348   | 1,478   | 1,605     | 1,828     | 2,505     | 2,724     |
| Mumps                                       | 74,215  | 69,112  | 59,128  | 59,847  | 38,922    | 21,438    | 16,817    | 14,225    |
| Murine typhus fever                         | 18      | 32      | 26      | 41      | 69        | 75        | 46        | 69        |
| Pertussis (whooping cough)                  | 3,297   | 1,759   | 2,402   | 1,738   | 1,010     | 2,177     | 2,063     | 1,023     |
| Plague                                      | 1       | 1       | 2       | 2       | 2         | 1         | 1         | 1         |
| Poliomyelitis, total                        | 31      | 8       | 7       | 8       | 14        | 18        | 16        | 13        |
| Poxvirus                                    | 52      | 33      | 164     | 49      | 78        | 94        | 140       | 34        |
| Pitressin                                   | 4,389   | 3,640   | 3,151   | 2,627   | 3,073     | 3,130     | 3,254     | 5,119     |
| Rabies, animal                              | 2       | 1       | 2       | 2       | 1,885     | 1,738     | 851       | 4         |
| Rabies, human                               | 2,614   | 2,580   | 2,431   | 2,654   | 1,937     | 1,153     | 1,063     | 629       |
| Rheumatic fever, acute                      | 523     | 668     | 754     | 844     | 1,037     | 1,153     | 1,063     | 1,070     |
| Rocky Mountain spotted fever                | 25,507  | 27,804  | 11,917  | 16,952  | 12,491    | 20,385    | 18,269    | 11,795    |
| Rubella (German measles)                    | 42      | 35      | 45      | 30      | 30        | 23        | 30        | 62        |
| Salmonellosis, excluding typhoid fever      | 22,151  | 23,818  | 21,980  | 22,612  | 22,937    | 27,850    | 29,410    | 33,138    |
| Shigellosis                                 | 20,207  | 22,042  | 22,000  | 16,584  | 13,140    | 18,082    | 19,511    | 20,135    |
| Syphilis, primary and secondary             | 24,422  | 24,826  | 25,386  | 25,581  | 23,731    | 20,399    | 21,656    | 24,874    |
| Total, all stages                           | 91,148  | 87,489  | 83,771  | 80,358  | 71,761    | 64,621    | 64,875    | 67,049    |
| Tetanus                                     | 128     | 101     | 101     | 102     | 75        | 87        | 96        | 81        |
| Trichinosis                                 | 89      | 102     | 120     | 115     | 143       | 67        | 157       | 157       |
| Tuberculosis?                               | 32,882  | 30,988  | 30,122  | 33,869  | 32,105    | 30,146    | 28,521    | 27,669    |
| Tularemia                                   | 152     | 171     | 144     | 129     | 167       | 165       | 141       | 196       |
| Typhoid fever                               | 398     | 680     | 1,437   | 375     | 419       | 388       | 506       | 526       |
| Varicella (chickenpox)                      | 164,114 | 182,927 | 141,495 | 154,248 | 183,920   | 188,386   | 154,088   | 199,081   |
| Yellow fever                                | .....   | .....   | .....   | .....   | .....     | .....     | .....     | .....     |

\* Not previously notifiable nationally.

† Case data subsequent to 1974 are not comparable with earlier years because of changes in reporting criteria that became effective in 1975.

TABLE 5. NOTIFIABLE DISEASES — summary of reported cases, United States, 1966-1971

| Disease                                     | 1966    | 1967    | 1968    | 1969    | 1970    | 1971    |
|---|---------|---------|---------|---------|---------|---------|
| Anthrax                                     | 2,921   | 3,167   | 3,005   | 2,915   | 2,888   | 2,752   |
| Antibiotic                                  | 5       | 2       | 3       | 4       | 2       | 6       |
| Aseptic meningitis                          | 3,068   | 3,002   | 4,494   | 3,672   | 6,480   | 5,176   |
| Botulism                                    | 9       | 5       | 7       | 18      | 12      | 25      |
| Brucellosis                                 | 262     | 285     | 218     | 235     | 213     | 183     |
| Chancroid                                   | 838     | 784     | 845     | 1,104   | 1,116   | 1,320   |
| Cholera                                     | —       | —       | —       | —       | —       | 1       |
| Diphtheria                                  | 209     | 219     | 260     | 241     | 436     | 216     |
| Encephalitis, primary                       | 2,121   | 1,478   | 1,781   | 1,613   | 1,580   | 1,524   |
| Parainfectious                              | 964     | 1,060   | 502     | 304     | 370     | 439     |
| Gonorrhea                                   | 351,738 | 404,836 | 464,543 | 534,872 | 600,072 | 570,268 |
| Granuloma inguinale                         | 146     | 154     | 156     | 154     | 124     | 89      |
| Hansen disease (leprosy)                    | 109     | 81      | 123     | 98      | 129     | 131     |
| Hepatitis A (infectious)                    | 32,859  | 38,927  | 45,893  | 48,416  | 56,737  | 59,606  |
| Hepatitis B (serum)                         | 1,497   | 2,458   | 4,823   | 5,908   | 5,310   | 9,556   |
| Leprosy                                     | 72      | 67      | 60      | 69      | 47      | 62      |
| Lymphogranuloma venereum                    | 308     | 371     | 485     | 520     | 612     | 692     |
| Malaria                                     | 506     | 2,022   | 2,317   | 3,102   | 3,051   | 2,375   |
| Measles (rubella)                           | 204,138 | 62,705  | 22,231  | 25,826  | 47,351  | 75,290  |
| Meningococcal disease                       | 3,381   | 2,161   | 2,623   | 2,951   | 2,506   | 2,262   |
| Mumps                                       | 33      | —       | 52      | 157,269 | 90,918  | 124,939 |
| Murine typhus fever                         | 7,717   | 9,718   | 3,36    | 36      | 27      | 23      |
| Pertussis (whooping cough)                  | 5       | 3       | 4,810   | 3,205   | 4,249   | 3,096   |
| Plague                                      | —       | —       | 3       | 5       | 13      | 2       |
| Poliomyelitis, total                        | 113     | 41      | 53      | 20      | 33      | 21      |
| Paralytic                                   | 106     | 40      | 53      | 18      | 31      | 17      |
| Poxvirus                                    | 50      | 41      | 43      | 57      | 36      | 32      |
| Rabies, animal                              | 4,178   | 4,481   | 3,591   | 3,490   | 3,224   | 4,310   |
| Rabies, human                               | 1       | 2       | 1       | 1       | 3       | 2       |
| Rheumatic fever, acute                      | 4,472   | 3,985   | 3,470   | 3,229   | 3,227   | 2,793   |
| Rocky Mountain spotted fever                | 298     | 305     | 298     | 498     | 390     | 422     |
| Rubella (German measles)                    | 46,975  | 46,988  | 49,371  | 57,086  | 56,852  | 45,086  |
| Rubella, congenital syndrome                | 11      | 14      | 14      | 31      | 77      | 68      |
| Salmonellosis, excluding typhoid fever      | 16,841  | 18,120  | 16,514  | 18,419  | 22,096  | 21,928  |
| Shigellosis                                 | 11,888  | 13,474  | 12,180  | 11,946  | 13,845  | 16,143  |
| Streptococcal sore throat and scarlet fever | 427,752 | 453,351 | 435,013 | 450,008 | 433,405 | 1       |
| Syphilis, primary and secondary             | 21,414  | 21,053  | 19,018  | 19,130  | 21,982  | 23,703  |
| Total, all stages                           | 105,159 | 102,881 | 96,271  | 92,162  | 91,382  | 95,987  |
| Tetanus                                     | 235     | 263     | 178     | 192     | 148     | 116     |
| Trichinosis                                 | 115     | 66      | 77      | 215     | 109     | 103     |
| Tuberculosis                                | 47,767  | 45,647  | 42,623  | 39,120  | 37,137  | 35,217  |
| Tularemia                                   | 208     | 184     | 186     | 149     | 172     | 187     |
| Typhoid fever                               | 378     | 396     | 395     | 364     | 346     | 407     |
| Yellow fever                                | —       | —       | —       | —       | —       | —       |

\* Not previously notifiable nationally.

† No longer nationally notifiable.

.....Last indigenous case reported in 1971; last imported case, 1924.....

HISTORICAL TABLES — 1984–1993

**TABLE 6. NOTIFIABLE DISEASES — deaths from selected diseases, United States, 1984–1993. (Numbers in ICD column refer to the category numbers listed in the Ninth Revision of the International Classification of Diseases, 1994.)**

| Cause of Death                         | ICD*            | 1984  | 1985  | 1986   | 1987   | 1988   | 1989   | 1990   | 1991   | 1992   | 1993   |
|--|-----------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| AIDS*                                  | *042-+044       | 2,943 | 6,040 | 10,900 | 13,468 | 16,602 | 22,082 | 25,186 | 29,055 | 33,566 | 37,267 |
| Anthrax                                | 022             | 4     | 4     | 1      | 1      | 1      | 2      | 4      | 7      | 1      | 1      |
| Brucellosis                            | 023             | —     | 1     | 1      | —      | 2      | —      | —      | 1      | —      | 1      |
| Chancroid                              | 086.0           | —     | —     | —      | —      | —      | —      | —      | 1      | —      | —      |
| Cholera                                | 001             | —     | 1     | —      | —      | —      | —      | —      | 2      | 2      | 2      |
| Diphtheria                             | 032             | —     | —     | —      | —      | —      | —      | —      | 1      | 1      | 1      |
| Gonococcal infections                  | 088             | 3     | 2     | 7      | 7      | 3      | 4      | 3      | 3      | 4      | 5      |
| Haemophilus influenzae, invasive       | 041.5           | 14    | 22    | 21     | 25     | 18     | 18     | 17     | 18     | 16     | 17     |
| Hansen disease (leprosy)               | 030             | 8     | 2     | 1      | 1      | —      | 4      | 3      | 2      | 1      | 1      |
| Hepatitis, viral, infectious (Hep A)   | 070.0-070.1     | 77    | 80    | 86     | 77     | 70     | 88     | 71     | 82     | 95     | 104    |
| Hepatitis, viral, serum (Hep B)        | 070.2-070.3     | 465   | 490   | 557    | 595    | 621    | 711    | 818    | 912    | 903    | 1041   |
| Hepatitis, viral, other and unsp.      | 070.4-070.9     | 327   | 372   | 384    | 510    | 599    | 717    | 688    | 857    | 1,016  | 1,353  |
| Lyme disease                           | 088.81          | —     | —     | —      | —      | —      | —      | —      | —      | —      | —      |
| Malaria                                | 084             | 7     | 13    | 5      | 5      | 7      | 11     | 3      | 8      | 12     | 12     |
| Measles (rubeola)                      | 055             | 3     | 4     | 2      | 2      | 3      | 32     | 64     | 27     | 4      | —      |
| Meningococcal disease                  | 036             | 300   | 267   | 286    | 286    | 278    | 273    | 216    | 198    | 201    | 260    |
| Mumps                                  | 072             | 1     | —     | —      | 2      | 2      | 3      | 1      | 1      | —      | —      |
| Pertussis (whooping cough)             | 033             | 7     | 4     | 6      | 1      | 4      | 12     | 12     | —      | 5      | 7      |
| Plague                                 | 020             | 3     | 1     | —      | 1      | —      | —      | —      | —      | 1      | 2      |
| Poliomyelitis, total                   | 046.0-046.9     | —     | 3     | —      | —      | 1      | —      | —      | —      | —      | —      |
| Pottasosis                             | 073             | —     | 1     | —      | 2      | 1      | 1      | 2      | —      | 4      | 1      |
| Rabies, human                          | 071             | 2     | —     | —      | 1      | —      | 1      | 1      | 3      | 1      | 1      |
| Rocky Mountain spotted fever           | 062.0           | 34    | 22    | 19     | 21     | 20     | 10     | 20     | 13     | 13     | 9      |
| Rubella (German measles)               | 056             | 1     | 1     | 1      | —      | 1      | 4      | 8      | 1      | 1      | —      |
| Salmonellosis, incl. paratyphoid fever | 002.1-002.9,003 | 90    | 117   | 102    | 106    | 66     | 99     | 80     | 53     | 47     | 52     |
| Shigellosis                            | 004             | 8     | 17    | 4      | 13     | 8      | 16     | 10     | 8      | 10     | 5      |
| Syphilis                               | 090-097         | 105   | 90    | 80     | 88     | 85     | 106    | 108    | 93     | 91     | 80     |
| Tetanus                                | 037             | 20    | 23    | 22     | 16     | 17     | 9      | 11     | 11     | 9      | 11     |
| Trichinosis                            | 124             | —     | —     | —      | —      | —      | —      | —      | —      | —      | —      |
| Tuberculosis (all forms)               | 010-016         | 1,729 | 1,752 | 1,782  | 1,785  | 1,921  | 1,970  | 1,810  | 1,713  | 1,705  | 1,631  |
| Typhoid fever                          | 002.0           | 83    | 69    | 47     | 2      | 83     | 88     | 120    | 81     | 100    | 100    |
| Vaccinia (chickenpox)                  | 052             | —     | —     | —      | —      | —      | —      | —      | —      | —      | —      |

\* Numbers in ICD column refer to the category numbers listed in the Ninth Revision of the International Classification of Diseases, 1994. (The asterisks in the ICD column pertain to the ICD code, not a footnote. They indicate that the numbers are not part of the ICD but were introduced for use in the United States.)

† For 1983–1986, deaths are estimated from death certificates that mention conditions coded to deficiency of cell-mediated immunity (ICD-9 No.278.1). These numbers include other human immunodeficiency virus (HIV)-related deaths and other diseases classifiable as deficiencies of cell-mediated immunity.

Sources: National Center for Health Statistics System, 1984–1993. Deaths are classified to the Ninth Revision, ICD.

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## State and Territorial Epidemiologists and Laboratory Directors

State and Territorial Epidemiologists and Laboratory Directors are acknowledged for their contributions to *CDC Surveillance Summaries*. The epidemiologists listed below were in the positions shown as of October 1996, and the laboratory directors listed below were in the positions shown as of October 1996.

| State/Territory                | Epidemiologist                        | Laboratory Director              |
|--------------------------------|---------------------------------------|----------------------------------|
| Alabama                        | John P. Lofgren, MD                   | William J. Callan, PhD           |
| Alaska                         | John P. Middaugh, MD                  | Gregory V. Hayes, DrPH           |
| Arizona                        | Robert W. England, Jr, MD, MPH        | Barbara J. Erickson, PhD         |
| Arkansas                       | Thomas C. McChesney, DVM              | Michael G. Foreman, PhD          |
| California                     | Stephen H. Waterman, MD, MPH          | Michael G. Voltz, PhD            |
| Colorado                       | Richard E. Hoffman, MD, MPH           | Ronald L. Cada, DrPH             |
| Connecticut                    | James L. Hadier, MD, MPH              | Sanders F. Hawkins, PhD          |
| District of Columbia           | A. LeRoy Hatchcock, PhD               | Mahadeo P. Verma, PhD            |
| Florida                        | Martin E. Levy, MD, MPH               | James B. Thomas, ScD             |
| Georgia                        | Richard S. Hopkins, MD, MSPH          | E. Charles Hartwig, ScD          |
| Hawaii                         | Kathleen E. Toomey, MD, MPH           | Elizabeth A. Franko, DrPH        |
| Idaho                          | Richard L. Vogt, MD                   | Vernon K. Miyamoto, PhD          |
| Illinois                       | Jesse F. Greenblatt, MD, MPH          | Richard H. Hudson, PhD           |
| Indiana                        | Byron J. Francis, MD, MPH             | David F. Carpenter, PhD          |
| Iowa                           | Gregory K. Steele, DrPH, MPH          | David E. Nault (Acting)          |
| Kansas                         | M. Patricia Quinlisk, MD, MPH         | Mary J. R. Gilchrist, PhD        |
| Kentucky                       | Gianfranco Pezzino, MD, MPH           | Roger H. Carleton, PhD           |
| Louisiana                      | Reginald Finger, MD, MPH              | Thomas E. Maxson, DrPH           |
| Maine                          | Louise McFarland, DrPH                | Henry B. Bradford, Jr, PhD       |
| Maryland                       | Kathleen F. Gensheimer, MD, MPH       | John A. Krueger (Acting)         |
| Massachusetts                  | Diane M. Dwyer, MD, MPH               | J. Mehseen Joseph, PhD           |
| Michigan                       | Alfred DeMaria, Jr, MD                | Ralph J. Timperi, MPH            |
| Minnesota                      | Kenneth R. Wilcox, Jr, MD, DrPH       | Robert Martin, DrPH              |
| Mississippi                    | Michael T. Osterholm, PhD, MPH        | Pauline Bouchard, JD, MPH        |
| Missouri                       | Mary Currier, MD, MPH                 | Joe O. Graves, PhD               |
| Montana                        | H. Denny Donnelly, Jr, MD, MPH        | Eric C. Blank, DrPH              |
| Nebraska                       | Todd A. Damrow, PhD, MPH              | Douglas O. Abbott, PhD           |
| Nevada                         | Thomas J. Safranek, MD                | John D. Blosser                  |
| New Hampshire                  | Randall L. Todd, DrPH                 | Arthur F. DiSalvo, MD            |
| New Jersey                     | Vacant                                | Veronica C. Malmberg, MSN        |
| New Mexico                     | Lyn Finelli, DrPH (Acting)            | Thomas J. Domenico, PhD (Acting) |
| New York City                  | C. Mack Sewell, DrPH, MS              | Loris W. Hughes, PhD             |
| New York State                 | Benjamin A. Mojica, MD, MPH           | Stanley Reimer                   |
| North Carolina                 | Dale L. Morse, MD, MS                 | Ann Wiley, PhD                   |
| North Dakota                   | J. Michael Moser, MD, MPH             | Lou F. Turner, DrPH              |
| Ohio                           | Larry A. Shirley, MS, MPH             | James D. Anders, MPH             |
| Oklahoma                       | Thomas J. Halpin, MD, MPH             | Kathleen L. Meckstroth, DrPH     |
| Oregon                         | J. Michael Crutcher, MD, MPH (Acting) | Garry L. McKee, PhD              |
| Pennsylvania                   | David W. Fleming, MD                  | Michael R. Skeels, PhD, MPH      |
| Rhode Island                   | James T. Rankin, Jr, DVM, PhD, MPH    | Bruce Kieger, DrPH               |
| South Carolina                 | Utpala Bandy, MD, MPH                 | Walter S. Combs, PhD             |
| South Dakota                   | James J. Gibson, MD, MPH              | Harold Dowda, PhD                |
| Tennessee                      | Susan E. Lance, DVM, PhD, MPH         | Richard S. Steece, PhD           |
| Texas                          | William L. Moore, MD                  | Michael W. Kimberly, DrPH        |
| Utah                           | Diane M. Simpson, MD, PhD             | David L. Maserang, PhD           |
| Vermont                        | Diane R. Nichols, MPA                 | Charles D. Brokopp, DrPH         |
| Virginia                       | Vacant                                | Burton W. Wilcke, Jr, PhD        |
| Washington                     | Grayson B. Miller, Jr, MD, MPH        | James L. Pearson, DrPH           |
| West Virginia                  | Paul Stehr-Green, DrPH, MPH           | Jon M. Counts, DrPH              |
| Wisconsin                      | Loretta E. Haddy, MA, MS              | Frank W. Lambert, Jr, DrPH       |
| Wyoming                        | Jeffrey P. Davis, MD                  | Ronald H. Laessig, PhD           |
| American Samoa                 | Gayle L. Miller, DVM, MPH             | Roy J. Almeida, DrPH             |
| Federated States of Micronesia | Edgar C. Reid, MD, DSM, MPH           |                                  |
| Guam                           | Vacant                                |                                  |
| Marshall Islands               | Robert L. Haddock, DVM, MPH           | Florencia Nocon (Acting)         |
| Northern Mariana Islands       | Tom D. Kijner                         |                                  |
| Palau                          | Jose L. Chong, MD                     | Isamu J. Abraham, DrPH           |
| Puerto Rico                    | Jill McCready, MS, MPH                |                                  |
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